

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ALPPSe/22</i>	Course title: <i>Applied psychology, pedagogy and sociology</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>3 hour per week, 39 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe3)</i> <i>2nd year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in seminars at min. 80%, • writing a seminar paper (10 hours), https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf <ul style="list-style-type: none"> • individual studies (11 hours). <i>External form of study: 39 contact hours (seminar)/semester, 39 hours contact hours, non-contact education 21 hours, total demand on student 60 hours, combined form of education</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • written test with a minimum score of 50%. 	
Final evaluation: <i>Overall assessment is calculated as the average of assessments of the seminar paper and the written test as per the following percentage scale:</i> <ul style="list-style-type: none"> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i> 	
Learning outcomes: <i>Results of education</i> <i>After completing the course, students are able / are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <ul style="list-style-type: none"> <i>VV1 understanding of the functioning of individual mental processes and states,</i> <i>VV2 identifying the interconnection of relationships between mental and somatic functions organism,</i> <i>VV3 characterization of the ability to analyze the client's personality at the intersection of bio-psycho-social impacts on health, illness and emergency,</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <ul style="list-style-type: none"> <i>VV4 apply the ability to recognize stressful situations, the ability to describe correctly and respond to changes due to stress (cognitive, emotional, self - behavior, etc. others), the ability to manage verbal aggression, the ability to manage criticism (formulate and accept), recognize and use a group dynamics for troubleshooting (who has for whom that the impact of why and how it can be amended), the ability to solve problems and estimate their possibilities,</i> <i>VV5 Planning the development of psychotherapy in the work of medical rescuer - basic concepts of psychotherapy, methods and forms of psychotherapy, using psychotherapy in crisis situations, development of communication skills and interactive access, burning syndrome,</i> <i>VV6 to apply the use of applied psychotherapy methods in rescue work.</i> 	

Student can use knowledge for professional and personality development especially in the form of:
VV7 has competences in accordance with the Ministry of Education of the Slovak Republic
No.151/2018 Z.Z., which determines the scope of practice in some health professions, as
amended.
<https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/>

Course content:

Brief syllabus of the subject:

- The characteristics of the basic psychological phenomena, processes and activities that help a person orient themselves in the world, in society and in oneself, as well as meeting the demands placed upon one.
- Basic knowledge of sociology, necessary for the practice of the helping professions, enabling orientation in social context and allowing the application of a comprehensive approach in the context of interpersonal relationships (family, community, culture and intercultural aspects, religion, economic and political system).
- Education and the possibilities of using its principles and methods within the context of the practical activities paramedic, especially in the field of health education, in a wide range of topics and in respect of all ages of the population or accrual needs and trends in primary, secondary and tertiary level.
- The specific theory of stress.
- The influence of stress on cognition and emotion, behaviour of an individual.
- Coping.
- Aggression..
- Communication skills and barriers.
- Effective criticism.
- Problem solving, ABC technique.

Recommended literature :

Recommended literature:

ANDRŠOVÁ, A., 2012. *Psychologie a komunikace pro záchranáře v praxi*. Praha: Grada Publishing. 128 s. ISBN 978-80- 247- 4119-2.
ARGAYOVÁ, I.RALBOVSKÁ, D.R., ZAVIŠ, M. 2021. *Základy psychoterapie pre nelekárske zdravotnícke odbory*. Prešov. Vydavateľstvo PU v Prešove
BOROŠ, J., 2002. *Úvod do psychológie*. Trenčín: IRIS. 305 s. ISBN 80890183512.
ČÁBALOVÁ, D., 2011. *Pedagogika*. Praha: Grada. 272 s. ISBN 978-80-247-2993.
GULAŠOVÁ, M. *Príručka pre projekt debriefingového tímu*. Košice. Falck – záchranná.
KARDIS, K., 2009. *Základy sociológie*. Prešovská univerzita. ISBN 9788055501086.
KELNAROVÁ, J. a kol., 2012. *Psychologie pro studenty zdravotnických oborů. 1. díl*. Praha: Grada Publishing. ISBN 978-80-247-3270-1.
SKORODENSKÝ, M. a kol., 2012. *Základy klinickej psychológie*. Prešov. AFPhUP. ISBN 978-8055-5060-12.

Language which is necessary to complete the course: Slovak

Notes:

Notes:

Mandatory student participation in min. 90% . Effective course of seminars is max. the number of students 15 in one group. For students with specific needs, individualized access on the basis of a faculty coordinator recommendation for students with specific needs. How to draw up a specified role are published at the Faculty Web Site:<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 91

A	B	C	D	E	FX
54%	15%	12%	9%	5%	4%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Ivana Argayová, PhD., co-guarantor, lecturer, examiner

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ANFYZe/22</i>	Course title: <i>Anatomy and physiology</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>4 hour per week, 52 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>3</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>compulsory participation of student in direct education min. 80%,</i> • <i>continuous testing in selected topics - max. 100 points, the score of the student must be at least 50%,</i> • <i>individual studies (38 hours),</i> • <i>oral response.</i> <i>External form of study: 52 contact hours (lecture)/semester, non-contact education 38 hours/semester, total demand on student 90 hours, combined method of education</i> Final evaluation: <i>Overall assessment is calculated as the average of assessments - results of continuous testing of selected topics and oral response as per the following percentage scale:</i> <ul style="list-style-type: none"> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i> 	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <i>VV1 definition of basic concepts about the structure of the human body, individual organ systems in Slovak and Latin.</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV2 apply the acquired knowledge about the structure of the human body and the physiological functions of organ systems to the extent necessary for understanding other theoretical and practical disciplines.</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <i>VV3 demonstration of basic knowledge of the structure of the human body to the extent necessary to understand the basic events taking place in the human body and other theoretical and practical disciplines.</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • <i>Human anatomy and physiology – content, history, methods of study.</i> • <i>Construction of cells, tissues and organs.</i> • <i>Basic anatomical names.</i> • <i>Active and passive motion system, a description of the human skeleton, working with an anatomical atlas.</i> • <i>Respiratory system.</i> • <i>Circulatory system.</i> 	

- Digestion system.
- Urological - sexual system.
- Endocrine system.
- Nervous system.
- Sensory organs.
- Physiology of blood and blood-forming tissues (physiological functions of blood and blood-forming tissue, blood-forming tissue).
- Basic characteristics of the immune system (cellular immunity, humoral immunity, non-specific immunity, specific immunity).
- Physiology of the cardiovascular system.
- Physiology of the respiratory system.
- Physiology of the kidneys, creation of urine and bladder emptying.
- Physiology of digestion apparatus.
- Physiology of the endocrine system.
- Physiology of the nervous system.
- Physiology of the skin and sensory organs.

Recommended literature :

Recommended literature:

- BEŇUŠKA, J. a kol., 2005. *Anatómia pre nelekárske študijné odbory 1, 2*. Bratislava: UK, 2005.
- ČALKOVSKÁ, A., 2010. *Fyziológia pre nelekárske odbory*. Martin: Vydavateľstvo Osveta. 220 s. ISBN 978- 80- 806- 3344-8.
- DAUBER, W., 2007. *Feneisov obrazový slovník anatómie*. Praha: Grada Publishing. 548 s. ISBN 978-80-247-1456-1.
- DYLEVSKÝ, I., 2011. *Základy funkční anatomie*. Praha: Poznání. 332 s. ISBN 978-80-874-1906-9.
- JAVORKA, K., 2014. *Lekárska fyziológia*. Martin: Osveta. 770 s. ISBN 978- 80- 806-3407-0.
- KITTNAR, O., 2011. *Lékařská fyziologie*. Praha: Grada Publishing. 790 s. ISBN 978-80-247-3068-4.
- KOČIŠOVÁ, M., DORKO, F., 2003. *Anatómia človeka. Splanchnológia*. Košice: UPJŠ. 57 s.
- MELLOVÁ, Y. a kol. 2011. *Anatómia človeka pre nelekárske študijné programy*. Martin: Vydavateľstvo Osveta. 184 s. ISBN 978-80-806-3335-6.
- PETROVICKÝ, P. a kol., 1995. *Systematická, topografická a klinická anatomie 1-9*. Praha: Karolinum. ISBN-10: 80-7184-114-5.
- SCHMIDTOVÁ, K., 2003. *Anatómia. Pohybový systém*. 2. vyd. Košice: UPJŠ. 79 s. ISBN 80-7097-505-9.
- SCHMIDTOVÁ, K., KOČIŠOVÁ, M., 2003. *Anatómia. Srdcovocievny a nervový systém*. 2. vyd. Košice: UPJŠ. 120 s. ISBN 80-7097-505-9.
- TROJAN, S., 2003. *Lékařská fyziologie*. 4. vyd. Praha: Grada Publishing. 772 s. ISBN 80- 247-051-25.

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation in lectures min. 80%

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 173

A	B	C	D	E	FX
23%	13%	13%	5%	14%	31%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor doc. MUDr. Ivan Minčík, PhD., co-guarantor, lecturer, examiner

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ASKARe/22</i>	Course title: <i>Acute conditions in cardiology</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>2nd year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in education min. 90%, • a more extensive seminar paper (student preparation =2 hours), • https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf • individual self-study (2 hours). <i>External form of study: 26 contact hours (seminar)/semester, non-contact education 4 hours/semester, total demand on student 30 hours, combined method of education</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • final knowledge test with a minimum of 50% success. Final evaluation: <i>Overall assessment is calculated on the basis of the average of partial assessments – assessments of the seminar paper and the final test as per the following percentage scale:</i> <p>A - 100.00 – 90.00 % B - 89.99 – 80.00 % C - 79.99 – 70.00 % D - 69.99 – 60.00 % E - 59.99 – 50.00 % FX - 49.99 and lower %</p>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <i>VV1 characterization of subjective and objective symptoms of cardiovascular diseases and evaluation of their severity.</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV2 to apply and evaluate basic examination methods in cardiology with a focus on anamnestic evaluation, physical examination, blood pressure measurement and ECG evaluation.</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <i>VV3 - Demonstration of basic knowledge of cardiology and the ability to diagnose and manage urgent and emergent conditions in cardiology with a focus on the management of acute coronary syndrome, heart failure, pulmonary embolization, cardiogenic shock, acute aortic dissection of the aortic rhythmia and tampon defects.</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • examination methods in cardiology, basics of electrocardiography, 	

- arterial hypertension, definition, classification, epidemiology, recommended tests, stratification of cardiovascular risk management in patients with hypertension,
- chronic ischemic heart disease, forms, epidemiology, prognosis, pathophysiology of atherosclerosis, diagnosis, management,
- acute coronary syndromes, classification, epidemiology, prognosis, pathophysiology, diagnostics, management,
- abnormal heart rhythm, division - supraventricular and ventricular arrhythmias, impaired formation and transmission of impulses, epidemiology, prognosis, diagnosis, management,
- cardiomyopathy, classification, epidemiology, prognosis, diagnostics, management,
- pulmonary embolism, epidemiology, prognosis, diagnostics, management,
- congenital and acquired heart defects, epidemiology, prognosis, diagnostics, management,
- acute heart failure,
- acute aortic dissection,
- acute inflammatory heart disease - endocarditis, myocarditis, pericarditis,
- heart tamponade.

Recommended literature :

Recommended literature:

KMEC, J., 2010. *Fibrilácia predsiení*. Prešov: Cofin, a.s. 210 s. ISBN 978-80-967145-2-0.

KMEC, J., NOVOTNÝ, R., 2010. *Manažment akútneho koronárneho syndrómu*. In Zborník z 2. Postgraduálneho kurzu CEFA. Košice. ISBN: 978-80-89295-26-5, 2010, s. 141- 153.

KLENER, P. et al., 2011. *Vnitřní lékařství. 4. přepracované a doplněné vydání*. Praha: Galén –Karolinum. 1152 s. ISBN 978-80-7262-705-9.

NOVOTNÝ, R., KMEC, J., NOVOTNÝ, Z., KOTOROVÁ, N., 2010. *Farmakologický manuál záchranára*. Prešov: Expresprint. 286 s. ISBN 978-80-89353-06-4.

VOJÁČEK J, KETTNER J., 2009. *Klinická kardiologie: RNDr. František Skopec, CSc.: Nucleus HK*. 925 s.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of student in education min. 90%

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 90

A	B	C	D	E	FX
32%	18%	16%	16%	16%	3%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor prof. MUDr. Ján Kmec, co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/BAKPIe/22</i>	Course title: <i>Bachelor's dissertation 1</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>90 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>3</i>	
Recommended semester: <i>3rd year WT emergency health care (UZSe3)</i> <i>4th year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>producing 50% bachelor's dissertation under the current PU Directive on the appropriations of final works, their bibliographic registration, controlling originality, preservation and disclosure, the student passes Bachelor's dissertation in the printed version, if necessary demonstration of consultation of professional consultant on bachelor thesis in Maise</i> <i>doing at least 5 consultations during the winter semester of which the supervisor and student keep records.</i> <i>External form of study: non-contact education 90 hours/semester, total demand on student 90 hours, combined form of education</i>	
Final evaluation: <i>Overall assessment is calculated from the average of partial assessments – production 50% of the bachelor's dissertation, doing at least 5 consultations during the winter semester of which the supervisor and student keep records as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <i>RE 1: Following familiar with basic information, a student has an adequate rate of understanding and abilities for the declarative level for description of basic rules of bachelor thesis and draft possible alternatives based on study of professional literature.</i> Skills: <i>RE 2: The student mainly has a plane of cognitive and practical competence to apply knowledge in the area of work with professional literature, formulations of work objectives, its focus and structure, including processing the theoretical part of the bachelor thesis and a practical proposal.</i> Competence: <i>RE 3: The student can use the knowledge for professional and personality development especially in the form of independence and ability to think critically in the creation of expert text and planning research activities.</i>	
Course content: <i>Brief syllabus of the subject:</i> <i>1. literature search</i> <i>2. structure of the bachelor's dissertation</i> <i>3. aims of the bachelor's dissertation and the expected focus of the practical part</i> <i>4. processing theoretical part of the bachelor's dissertation using literature, working with citations</i> <i>5. specification of the practical part of the thesis</i>	

Recommended literature :*Recommended literature:**HANÁČEK, J., JAVORKA, K., 2010. VEDECKÁ PRÍPRAVA. MARTIN: VYD. OSVETA. 220 S. ISBN 978-80-8063-328-8.**MEŠKO, D., KATUŠČÁK D. A KOL., 2013. AKADEMICKÁ PRÍRUČKA. MARTIN: VYD. OSVETA. 495 S. ISBN 9788080633929.**KATUŠČÁK, V., 2007. AKO PÍSAŤ VYSOKOŠKOLSKÉ A KVALIFIKAČNÉ PRÁCE. BRATISLAVA: STIMUL. 162 S. ISBN 8089132454.**KIMLIČKA, Š., 2002. AKO CITOVAŤ A VYTVARAŤ OZNAMY BIBLIOGRAFICKÝCH ODKAZOV PODĽA NORIEM ISO 690 PRE KLASICKÉ A ELEKTRONICKÉ ZDROJE. BRATISLAVA: STIMUL.**KUTNOHORSKÁ, J., 2009. VÝZKUM V OŠETŘOVATELSTVÍ. 1. VYD. PRAHA: GRADA. 175 S. ISBN 978-80-247-2713-4.**SMERNICA REKTORA PU K ZÁVEREČNÝM PRÁCAM, 2019**ŽIAKOVÁ, K. A KOL., 2009. OŠETROVATELSTVO – TEÓRIA A VEDECKÝ VÝSKUM. MARTIN: VYD. OSVETA. 322 S. ISBN 8080633042.**Further literature according to the specified bachelor thesis topic and as recommended by the Bachelor Thesis Supervisor.***Language which is necessary to complete the course:** *Slovak***Notes:***The student is responsible for the correct translation of the title of the bachelor's dissertation into a world language.**For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.***Course evaluation:**

Total number of students evaluated: 34

A	B	C	D	E	FX
21%	21%	24%	18%	15%	3%

Lecturers:*doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Reľovská, PhD., lecturer, examiner***Date of last change:** 01.09.2022**Approved by:** *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/BAKP2e/22</i>	Course title: <i>Bachelor's dissertation 2</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>90 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>3</i>	
Recommended semester: <i>3rd year ST emergency health care (UZSe3)</i> <i>4th year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: <i>BAKPe1 – Bachelor's dissertation 1</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>production of the bachelor's dissertation, which is submitted by the set deadline with all the requirements given by current Directive of the Rector of Prešov University on Dissertations,</i> <i>completing a minimum of 3 consultations, which are recorded by the supervisor.</i> <i>External form of study: non-contact education 90 hours/semester, total demand on student 90 hours, combined form of education</i> <i>Final assessment:</i> <i>Student – author of the final dissertation:</i> <i>submits the bachelor's dissertation within the deadline as per the requirements of the department in two copies in hard cover and twice in electronic form (CD version) with specification of the faculty, department, author's name, title of work and year of submission of work,</i> <i>in submitting the bachelor's dissertation the student also submits a signed license agreement in duplicate,</i> <i>with bachelor's dissertation they submit a completed form, which is part of the CD version,</i> <i>is responsible for the sameness of the printed and electronic versions of the final dissertation.</i> <i>Supervisor of the bachelor's dissertation:</i> <i>checks the sameness of the printed and electronic versions of the final work and is responsible to of the head of department for the accuracy of the identification data contained in the final dissertation (paper and electronic), the license agreement and the form,</i> <i>prepares and submits consultant's report in duplicate to the secretariat of the department within the deadline,</i> <i>participates in the defence of the bachelor's dissertation.</i>	
Final evaluation: <i>Overall assessment is calculated from the average of partial assessments – production of the bachelor's dissertation, completion of a minimum of 3 consultations as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <i>RE 1: Following familiar with basic information, a student has an adequate rate of understanding and abilities for the declarative level for determining the basic steps of making a practical part of the bachelor thesis and</i>	

presentation of outputs.

Skills:

RE 2: The student mainly has a plane of cognitive and practical competence to apply knowledge in the area of work with professional literature, creating a practical part and presentation of key outputs.

Competence:

RE 3: The student can use the knowledge for professional and personality development, especially in the form of independence and ability to think critically, for the creation of professional text, realizing research activities and identifying recommendations for practice.

Course content:

Brief syllabus of the subject:

Creating the text of the core of the bachelor's dissertation.

Implementing and processing the practical part of the bachelor's dissertation.

Conclusions and recommendations for practice.

Processing annexes, bibliography, citations.

Final formal and content version of the bachelor's dissertation.

Preparing the defence of the bachelor's dissertation.

Recommended literature :

Recommended literature:

HANÁČEK, J., JAVORKA, K., 2010. Vedecká príprava. Martin: Vyd. Osveta. 220 s. ISBN 978-80-8063-328-8.

MEŠKO, D., KATUŠČÁK D. a kol., 2013. Akademická príručka. Martin: Vyd. Osveta. 495 s. ISBN 9788080633929.

KATUŠČÁK, V., 2007. Ako písať vysokoškolské a kvalifikačné práce. Bratislava: Stimul. 162 s. ISBN 8089132454.

KIMLIČKA, Š., 2002. Ako citovať a vytvárať oznamy bibliografických odkazov podľa noriem ISO 690 pre klasické a elektronické zdroje. Bratislava: Stimul.

KUTNOHORSKÁ, J., 2009. Výzkum v ošetrovatelství. 1. vyd. Praha: Grada. 175 s. ISBN 978-80-247-2713-4.

Smernica rektora PU k záverečným prácam, 2019

ŽIAKOVÁ, K. a kol., 2009. Ošetrovatelstvo – teória a vedecký výskum. Martin: Vyd. Osveta. 322 s. ISBN 8080633042.

Further literature depending on the assigned topic of the bachelor's dissertation and the recommendations of the supervisor of the bachelor's dissertation.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 34

A	B	C	D	E	FX
50%	24%	15%	6%	3%	3%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Reľovská, PhD., co-guarantor, lecturer, instructor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/FARKOe/22</i>	Course title: <i>Pharmacology</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity:	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>compulsory attendance of the student at lectures min. 80%,</i> • <i>individual studies (28 hours),</i> • <i>producing a seminar paper (6 hours),</i> https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf <ul style="list-style-type: none"> • <i>continuous testing in selected topics – max. 100 points, the score of the student must be at least 61%.</i> <i>External form of study: 26 contact hours (lecture)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined form of education</i> <i>Final assessment</i> <ul style="list-style-type: none"> • <i>final written knowledge test with a minimum of 50% success.</i> <i>Final evaluation</i> <ul style="list-style-type: none"> • <i>Oral exam</i> Final evaluation: <i>Overall assessment of the student is calculated as the average of assessments of the seminar paper, final written text and the oral test as per the following percentage scale:</i> <p><i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX- 49.99 and lower %</i></p>	
Learning outcomes: <i>Results of education:</i> <i>After graduating the subject, students can / are able to:</i> <i>The student after familiarization with basic information has an adequate level of understanding and capabilities at the declarative level for:</i> <p><i>VV1 Defining the basic objectives and tasks of pharmacotherapy,</i> <i>VV2 demonstrating basic knowledge on the effects of medicinal products for the organism and how their administration and differentiation of individual Groups of medicines and their effect on the organism,</i> <i>The student has a capability to apply knowledge mainly in the area of cognitive and practical:</i> <i>VV3 to distinguish the particularities of drug administration in selected ages,</i> <i>VV4 to apply theoretical knowledge of drug administration in individual diseases to urgent health care conditions.</i> <i>The student can use knowledge for professional and personality development, especially in the following:</i> <i>VV5 has competences in accordance with the Ministry of Education No.151/2018 ZZ,</i> <i>determining the extent of practice in some health professions, as amended:</i> https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/</p>	
Course content: <i>Brief syllabus of the subject:</i>	

- objective and role of pharmacotherapy,
- effects of medicines and methods for their administration,
- basic groups of medicines and their effects on the organism,
- the principles of safe administration of medicinal products,
- particularities of medications in children's age, during pregnancy, in older age,
- medicine groups for selected disease units and their interactions,
- specifics of administration and application of drugs in urgent health care,
- treats of ambulance RZP and RLP
- medicines used in urgent medicine - inclusion in a pharmacological group, active substance,
- mechanism of action, indication, contraindications, Dosage, basic interactions.

Recommended literature :

Odporičaná literatúra:

KNOR, J. – MÁLEK, J., 2019. *Farmakoterapie urgentních stavů*. Praha: Maxford, 2019, 272 s., ISBN 978-80-7345-595-8

KRIŠKA, M. , 2006. *Memorix klinickej farmakológie a liekov*. Bratislava: Slovak Academic Press, s.r.o. 600 s. ISBN 80-8910-492-4

KRIŽANOVÁ, M., 2005. *Farmakológia*. Martin: Osveta. 277 s. ISBN 80-8063-195-6

LULLMAN, H. a kol., 2020. *Barevný atlas farmakologie*. Praha: Grada. 2020, 400 s. ISBN 978-80-2712-271-4

MARTÍNKOVÁ, J. a kol., 2018. *Farmakologie pro studenty zdravotnických odborů*. Praha: Grada. 2018, 520 s., ISBN 978-80-247-4157-4

NOVOTNÝ, R. a kol., 2010. *Farmakologický manuál záchranára*. Prešov : Expresprint. 2010, 286 s. ISBN 978-80-8935-306-4.

PERLÍK, F., 2008. *Základy klinickej farmakológie*. Praha: Galén. 192 s. ISBN 9788072625284.

SLÍVA, J. - VOTAVA, M., 2011. *Farmakologie – lékařské repetitorium*. Praha: Triton. 2011, 400 s. ISBN 978-80-7387-500-8.

VOTAVA, M – SLÍVA, V. 2021. *Farmakologie v kostce*. Praha: Triton. 2021, 544 s. ISBN 978-80-7553-893-2

Language which is necessary to complete the course: *Slovak*

Notes:

Notes:

Compulsory attendance of the student at lectures min. 90%.

For the effective course of seminars is max. the number of students 15 in one group. For students with specific needs, individualized access on the basis of a faculty coordinator recommendation for students with specific needs.

How to draw up a specified role are published at the Faculty Website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 156

A	B	C	D	E	FX
5%	5%	20%	17%	21%	32%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor MUDr. Anton Turčan, co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/GYPORe/22</i>	Course title: <i>Gynaecology and obstetrics</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture, Seminar</i> Scope of educational activity: <i>1,1 hour per week, 13,13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Conditions for completing the subject: examination (S)</i> <i>Lectures: 50% of assessment of the subject</i> <ul style="list-style-type: none"> • compulsory participation of student in lectures min. 80%, • oral test of knowledge on the basis of presented topics, the score of the student must be at least 50%, • individual self-study 12 hours. <i>Seminar exercises: 50% of assessment of the subject</i> <ul style="list-style-type: none"> • compulsory participation of student in seminars min. 90%, • demonstration of preparation of aids and procedures in the delivery of birth, the treating the newborn in conditions of emergency services, • knowledge test focussed on assessing childbirth, the newborn, emergencies in obstetrics and gynaecology, the score of the student must be at least 50%, • individual self-study 22 hours. <i>External form of study: 13 contact hours (lecture)/semester, 13 hours (seminar) /semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined method of education</i> Final evaluation: <i>Overall assessment is the result of the joint assessment of both parts, from which the student may not score less than 50%.</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <i>VV1 definition and description of the mechanism of fetal delivery and its stages, as well as activities in physiological and pelvic delivery.</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV2 to apply the acquired knowledge about the course of childbirth and the possible risk of childbirth outside the medical facility on the basis of model situations.</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <i>VV3 demonstration of the ability to manage physiological childbirth in a simulator.</i> <i>VV4 demonstration of the ability to manage rescue interventions in the event of emergencies in gynecology and obstetrics.</i>	

Course content:

Brief syllabus of the subject:

Lectures

- anatomy of the female genital organs,
- physiology of the progress of pregnancy,
- obstetrical history and obstetric examination,
- course of physiological childbirth in individual stages,
- breech deliveries,
- partus extramurros,
- risks in pregnancy - eclampsia and eclamptic seizure,
- bleeding during pregnancy,
- emergencies in gynaecology and obstetrics.

Exercises

- implementation of obstetric examinations in a pregnant patient - external obstetric techniques,
- assessment of contractile activity and foetal sounds and listening,
- assessment of amniotic fluid,
- assessment of the individual stages of labour,
- skills training for independent delivery of birth,
- skills training in the treatment of the newborn,
- skills training in the delivery of the placenta and its assessment,
- demonstration of breech deliveries,
- training of standard procedures for bleeding during pregnancy,
- training of standard procedures for selected emergencies in obstetrics and gynaecology.

Recommended literature :

Recommended literature:

ČECH, Z., et al., 2006. Porodnictví. 2.př. vyd. Praha: Grada. 546 s. ISBN 80-247-1303-9.

GREGUŠOVÁ, E. a kol. 1992. Starostlivosť o ženu. Martin: Osveta.

KOBILKOVÁ, J a kol., 2005. Základy gynekologie a porodnictví. Praha: Galén, UK v Praze, nakladatelstvo Karolinum. 368 s. ISBN 80-7262-315-X.

KOLÁŘIKOVÁ, A. a kol., 2000. Gynekologické ošetrovatel'stvo. Martin: Osveta.

LEIFER, G., 2004. Úvod do porodnického a pediatrického ošetrovatel'ství. Praha: Grada Publishing. 951 s. ISBN 80-247-0668-7.

MARTIUS, G. a kol., 1996. Gynekológia a pôrodnictvo. Martin: Osveta.

REPKOVÁ, A., 2006. Gynekologické ošetrovatel'stvo. Martin: Osveta. 138s. ISBN 80-8063-236-7.

ROB, O., MARTAN, I., CITTERBART, K. et al., 2008. Gynekologie. Praha: Galén. 319 s. ISBN 978-80-7262-501-7.

SLEZÁKOVÁ, L., 2011. Ošetrovatel'ství v gynekologii a porodnictví. Praha: Grada Publishing. 269 s. ISBN 978-80-247-3373-9.

URBANOVA, E. a kol., 2010. Reprodukčné a sexuálne zdravie ženy v dimenziách ošetrovatel'stva a pôrodnej asistencie. I.vyd. Martin: Osveta. 256 s. ISBN 978-80-8063-343-1.

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation of student in lectures min. 80%, compulsory participation of student in seminars min. 90%

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 90

A	B	C	D	E	FX
13%	14%	30%	17%	17%	9%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor MUDr. Rastislav Štefanko, co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/CHIRZe/22</i>	Course title: <i>Surgery and trauma surgery</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory attendance of the student at lectures min. 80%, • one more extensive seminar paper (10 hours), • https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf • individual self-study (24 hours). <i>Final assessment:</i> <ul style="list-style-type: none"> • final knowledge test with a minimum of 50% success. <i>External form of study:</i> 26 contact hours (lecture)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined method of education	
Final evaluation: <i>Overall assessment is calculated as the average of assessments of the seminar paper and the overall knowledge test as per the following percentage scale:</i> <ul style="list-style-type: none"> A - 100.00 – 90.00 % B - 89.99 – 80.00 % C - 79.99 – 70.00 % D - 69.99 – 60.00 % E - 59.99 – 50.00 % FX - 49.99 and lower % 	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <p><i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i></p> <i>VV1 describing the historical development of surgery, its basic and advanced disciplines.</i> <i>VV2 definition and characterization of sepsis, antisepsis, methods of disinfection and sterilization.</i> <i>VV3 definition and description of infection, nosocomial infection, drainage and drainage systems used in surgery, infusion therapy, enteral, parenteral nutrition, examination and diagnosis of the surgical patient, basic surgical procedures, preoperative preparation, perioperative monitoring and postoperative patient care, local and general anesthesia in surgery, polytrauma, traumatic and non-traumatic conditions, fractures, wounds and basics of surgical oncology.</i> <p><i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i></p> <i>VV4 to apply knowledge about infections, nosocomial infections, drainage and drainage systems used in surgery, infusion therapy, principles of enteral and parenteral nutrition, examination and diagnosis of the surgical patient, basic surgical procedures, preoperative preparation, perioperative monitoring and postoperative patient care, local and general anesthesia in surgery, polytrauma, traumatic and non-traumatic conditions, fractures, wounds and basics of surgical oncology.</i> <p><i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i></p> <i>VV5 demonstrates the ability to think critically and recognize clinical signs in acute conditions in surgery and</i>	

trauma surgery.

VV6 demonstrating the ability to manage traumatic and non-traumatic acute conditions in surgery and trauma surgery, polytrauma and its management.

Course content:

Brief syllabus of the subject:

- historical milestones in the development of surgery,
- asepsis and antisepsis, aseptic surgery, sterilization and disinfection methods of disinfection, sterilization and their use,
- infection in surgery - various surgical infections, nosocomial infection, complications and principles of treatment of surgical infections,
- principles of drainage, drainage systems, their distribution, function and methods of use,
- infusion treatment in surgery (means of infusion treatment, infusion technique, indications of infusion treatment, complications of infusion treatment),
- enteral and parenteral feeding in surgery (nutritional status, importance and principles of application),
- examination and diagnostics of surgical patient (physical examination, laboratory, using imaging techniques and instrumentation examination),
- basic surgical procedures and instrumentation,
- preparation of the patient for surgery (estimation of operational risk, general preoperative preparation, special procedures in preoperative preparation, monitoring during surgery, post-operative patient care and postoperative complications),
- anaesthesia in surgery (clarification of concepts, general anaesthesia, patient monitoring during anaesthesia, immediate postoperative care, local anaesthesia, anaesthetic complications),
- acute conditions in surgery and trauma surgery (abdominal surgery, neurosurgery, thoracic surgery, cardiac surgery and urology),
- polytrauma (pathophysiology of polytrauma, assessment of a patient with polytrauma, general principles of treating a patient, transport)
- wounds and fractures (definition, classification, principles of treatment, healing, healing complications),
- basics of surgical oncology (benign and malignant tumours, epidemiology of cancers, principles of cancer treatment).

Recommended literature :

Recommended literature:

BREZA, J. et al., 2016. *Princípy chirurgie 4*. Bratislava: SAP. ISBN 8588006534269.

DURDÍK, Š., 2009. *Vybrané kapitoly z onkologickej chirurgie*. Bratislava: WillArt.

GAJDOŠ, M., ŠULLA I. J. 2013. *Základy neurochirurgie*. Univerzita Pavla Jozefa Šafárika v Košiciach, ISBN 9788081520037.

HARUŠTLAK, S. et al., 2010. *Princípy chirurgie 2*. Bratislava: SAP. ISBN 978-80-8095-053-8.

HUŤAN, M. a kol., 2012. *Základy všeobecnej a špeciálnej chirurgie*. Bratislava: Univerzita Komenského. ISBN 978-80-223-3214-9.

PECHAN, J. et al., 2014. *Princípy chirurgie 3*. Bratislava, Prima-Print, a.s. ISBN 978-80-89017-09-6.

SIMAN, J., 2007. *Princípy chirurgie 1*. Bratislava: SAP. ISBN 80-89104-94-0.

ŠANTA, M., BAČIŠINOVÁ, J., MYTNIK, M., 2008. *Chirurgická propedeutika pre ošetrovateľstvo*. Prešovská Univerzita, Fakulta zdravotníctva. ISBN 978-80-8068-763.

WENDSCHE, P., VESELÝ, R. et al., 2019. *Traumatologie*. Galén ISBN: 978-80-7492-452-1.

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation in lectures 80%

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 92

A	B	C	D	E	FX
22%	48%	18%	4%	4%	3%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor MUDr. Peter Kl'oc, Ph.D., co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/IZSZZe/22</i>	Course title: <i>Integrated rescue system</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>50 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: 2	
Recommended semester: <i>1st year WT emergency health care (UZSe3)</i> <i>2nd year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory student participation in full-time teaching, • completion of professional excursions in individual IRS units: Providers of emergency medical services, Fire and Rescue Corps, Control chemical laboratories of civil protection, Helicopter rescue medical service, IRS Coordination Center, Mining Rescue Service. • during the semester the student prepares and submits a shorter seminar work on the assigned topic (5 hours of individual student work), https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf • the student prepares and submits visual presentation (compilation character) in the Microsoft PowerPoint program in the range of 12-14 slides (5 hours of individual student work). <p><i>External form of study: 50 contact hours(exercises)/semester, non-contact education 10 hours/semester, total demand on student 60 hours, combined method of education</i></p> Final evaluation: <i>The student successfully completes the subject upon fulfilling the prescribed assessment criteria.</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student has to demonstrate theoretical knowledge of legislative IRS, competencies of individual components and operation at the declarative level.</i> Skills: <i>VV2 The student has a cognitive and practical ability to apply knowledge in the field of intervention of IRS crews.</i> Competences: <i>VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain medical professions .</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • IRS, its structure, organization, coordination of activities of individual components • Communication and information technologies, use of GPS systems • Legislation governing the activities of IRS • Follow-up of EMS and providers of EMS, their mutual cooperation • Position of EMS within IRS • Work of the IRS operator and IRS operator - reception, evaluation and processing of emergency calls • Communication skills of the operator - communication under time stress. <i>Professional excursions in the IRS components:</i> <ul style="list-style-type: none"> • Emergency medical service providers - to acquaint students with the IRS legislation, organization and subject of activity The Fire and Rescue Service (HaZZ) - to acquaint students with the legislation of the Fire 	

and Rescue Service, the organization and subject of the activities of the Fire and Rescue Service, the professional intervention activities of the Fire and Rescue Service and the tasks of the Fire and Rescue Service rescue, localization and liquidation work in the event of an emergency, presentation of rescue and transport equipment, division of HaZZ equipment, types and equipment of firefighting vehicles, protective equipment in HaZZ, acquaint students with standard procedures for rescue interventions in HaZZ, procedures for working in difficult terrain and

- Control chemical laboratories of civil protection (KCHLCO): getting acquainted with the organization and subject of KCHLCO activities in the form of a professional lecture, the activities of the KCHL outreach group, excursions of facilities and laboratories for the identification of hazardous and radioactive substances, care of civil protection material, inspection of the KCHL exit vehicle
- Mining Rescue Service - to acquaint students with the legislation of the Emergency Medical Service, the organization and subject of activities of the Emergency Medical Service, professional intervention activities of the Emergency Medical Service, tasks of the Emergency Medical Service in performing rescue, localization and liquidation work
- Helicopter rescue medical service (VZZS) - getting acquainted with the subject of activities and indications of VZZS deployment within the IRS, personnel and material and technical equipment of VZZS, inspection of the base and helicopter, acquaintance with special activities in VZZS and life-threatening rescue situations, mountaineering climbs and interventions in difficult mountain terrain
- IRS Coordination Center and KOS ZZS - get acquainted with the organization of the IRS Coordination Center and the IRS Operations Center, the work and professional activities of the IRS operator and the IRS by way of emergency call processing on lines 112 and 155, IRS information systems, IRS information and communication technologies, with the use of GIS in the work of the operator.

Recommended literature :

Recommended literature:

BOGUSKÁ, D. a kol. 2016. *Integrovaný záchranný systém*. Prešov : Prešovská univerzita v Prešove, 1. vyd., 2016. 120 s. ISBN 978-80-555-1752-0.

BOGUSKÁ, D., MAJLINGOVÁ, A., MONOŠI, M. 2016: *Kritické miesta v súčasnosti záchranných zložiek Integrovaného záchranného systému Slovenskej republiky*. Prešov :Prešovská univerzita v Prešove, 1. vyd., 2016. 188 s. ISBN 978-80-555-1603-5.

ŠTĚTINA, J. a kol., 2014. *Zdravotníctví a integrovaný záchranný systém při hromadných neštěstích a katastrofách*. Praha: Grada Publishing. 584s. ISBN 978-80-247-4578-7.

Zákon NRSR č. 129/2002 Z. z. o integrovanom záchrannom systéme požiarmi v znení neskorších predpisov a o zmene a doplnení niektorých zákonov

Zákon NRSR č. 579/2004 Z. z. o záchrannej zdravotnej službe v znení neskorších predpisov a o zmene a doplnení niektorých zákonov

Zákon NRSR č.576/2004 Z. z. o zdravotnej starostlivosti, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov

Výnos MZ SR z 11. marca 2009 č. 10548/2009-OL, ktorým sa ustanovujú podrobnosti o záchrannej zdravotnej službe

Zákon NRSR č. 315/2001 Z. z. o Hasičskom a záchrannom zbore v znení neskorších predpisov Zákon NRSR č. 314/ 2001 Z. z. o ochrane pred požiarmi v znení neskorších predpisov a o zmene a doplnení niektorých zákonov

Vyhláška MVS SR č. 611/2006 Z. z. o hasičských jednotkách v znení neskorších predpisov

Zákon NR SR č. 42/1994 Z. z. o civilnej ochrane obyvateľstva v znení neskorších predpisov

Nariadenie MV SR č. 125/2010 o postupe pri vyžadovaní výjazdu KCHL CO a jeho vysielaní na zásah alebo na inú činnosť.

Zákon MV SR č. 544/2002 Z.z. o Horskej záchrannej službe v znení zmien a dodatkov.

Zákon NR SR č. 171/1993 Z. z. o Policajnom zbore v znení neskorších predpisov.

Zákon SNR 51/1988 Zb. o banskej činnosti, výbušnínach a o štátnej banskej správe.

Vyhláška SBÚ 69/1988 Zb. o banskej záchrannej službe.

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation of student in direct education to the full extent.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Mgr. Bc. Jozef Koprušák, co-guarantor, lecturer, examiner, instructor, seminary supervisor Ing. Bc. Marek Žifčák, MPH, co-guarantor, lecturer, examiner, instructor, seminary supervisor Ing. Bc. Vladimír Hosa, MPH, co-guarantor, lecturer, examiner, instructor PhDr. Martina

<i>Vitková, co-guarantor, lecturer, examiner, instructor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor</i>
Date of last change: 01.09.2022
Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/KLCV1e/22</i>	Course title: <i>Clinical exercises 1</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>14 hour per week, 182 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>6</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/OSTUSE/22 - Nursing techniques</i>	
Conditions for passing the course: Form of assessment: <i>OSTUS – Nursing techniques</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of student in induction training before beginning clinical work experience,</i> <i>participation of student in direct education 90% evidenced by attendance sheet, 10% non-participation only with confirmation of sickness,</i> <i>if the teacher finds regular unexcused late arrivals of the student at the clinical workplace, they have the right to give the student an absence,</i> <i>continuous control of formal and content records of performance in clinical logbook,</i> <i>oral, written and practical examinations for each student workplace (micro-grade):</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i> <i>Final assessment:</i> <i>practical mastering nursing techniques in accordance with the syllabus,</i> <i>compliance with the code of conduct for clinical exercises, protection - safety rules, maintaining medical confidentiality,</i> <i>submitting clinical logbook with a record of completed performances for the given semester, checking the attendance sheet,</i> <i>passing the oral, practical testing of the student at the workplace,</i> <i>demonstrating the ability of physical examination of the patient,</i> <i>assessment of the level of clinical competence for practice, taking into account the overall adjustment, punctuality of arrival and exit from the clinical workplace, communication skills, empathy, assertiveness, responsible performance of duties during clinical exercises,</i> <i>final knowledge test with a minimum of 50% success.</i> <i>External form of study: 182 contact hours (exercises)/semester, total demand on student 182 hours, combined form of education</i> Final evaluation: <i>Overall assessment is calculated as the average of assessments of results of the micro-grading and the final test as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>a student after familiarization with basic information has an adequate level of understanding and capabilities at declarative level:</i> <i>The student has a capability in particular in the area of cognitive and practical:</i>	

VV1 Application of practical skills in providing healthcare on intended clinical workplaces,
 VV2 Implementation of performance defined in the clinical recorder of urgent healthcare
 performance in accordance with the content of a structured information sheet.
 It can use the knowledge for professional and personality development, especially in the form of:
 VV3 has competences in accordance with the Ministry of Education of the Slovak Republic no. 151/2018 Z.Z. which determines the
 scope of practice in some health professions, as
 amended: <https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/>

Course content:

Brief syllabus of the subject:

management of healthcare in a medical facilities for clinical work: surgery, internal medicine and paediatrics,
 admission and continuous assessment of the health status of p/k,
 nursing procedures for the prevention of nosocomial infections, monitoring vital signs, collection of biological material,
 administering medicines, infusion and transfusion therapy, emergencies,
 bandaging and immobilization techniques,
 specific diagnostic and therapeutic procedures applied at clinical workplaces,
 interpersonal communication,
 keeping medical records.

Recommended literature :

Recommended literature:

ADAMS, B. a kol., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada publishing. 488 s. ISBN 80-7169-893-8.
 ARGAYOVÁ, I. a kol. 2019. *Ošetrovateľské techniky a postupy pre ZZ*. Prešov: Vydavateľstvo PU v Prešove
 DOBIÁŠ, V. a kol., 2013. *Klinická propedeutika v urgentnej medicíne*. Praha: Grada publishing. 208 s. ISBN 978-80-247-4570-1.
 KAŠČÁK, M., 2006. *Klinická propedeutika*. Martin: Vydavateľstvo Osveta. 90 s. ISBN 8080632154.
 MIŽENKOVÁ, L. ARGAYOVÁ, I., RYBÁROVÁ, D., 2019. *Klinický záznamník : výkony nemocničnej starostlivosti : urgentná
 zdravotná starostlivosť*. 190 s. ISBN 970-80-55-0330-1.
 NEJEDLÁ, M., 2005. *Fyzikální vyšetření pro sestry*. Praha: Grada Publishing. 248 s. ISBN 80-247-1150-8.
 VYTEJČKOVÁ, R. a kol. 2015. *Ošetrovateľské postupy péče o nemocné I,II,III*. Praha: Grada .ISBN978-80-247-3421-7

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation in exercises min. 90%

For the effective course of seminars is max. the number of students 15 in one group. For students with specific needs, individualized
 access on the basis of a faculty coordinator recommendation for students with specific needs.

Pokyny how to draw up a specified role are published at the Faculty Website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 154

A	B	C	D	E	FX
29%	17%	16%	5%	6%	27%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Reľovská, PhD., co-guarantor, lecturer, examiner, instructor, seminary
 supervisor PhDr. Ivana Argayová, PhD., co-guarantor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/KLCV2e/22</i>	Course title: <i>Clinical exercises 2</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>14 hour per week, 182 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>6</i>	
Recommended semester: <i>2nd year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/KLCV1e/22 - Clinical exercises 1</i>	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in induction training before beginning clinical work experience, • participation of student in direct education 90% evidenced by attendance sheet, 10% non-participation only with confirmation of sickness, • if the teacher finds regular unexcused late arrivals of the student at the clinical workplace, they have the right to give the student an absence, • continuous control of formal and content records of performance in clinical logbook, • oral, written and practical examinations for each student workplace (micro-grade), • https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf <i>Final assessment:</i> <ul style="list-style-type: none"> • practical mastering nursing techniques in accordance with the syllabus, • compliance with the code of conduct for clinical exercises, protection - safety rules, maintaining medical confidentiality, • submitting clinical logbook with a record of completed performances for the given semester, • checking the attendance sheet, • passing the oral, practical testing of the student at the workplace, • demonstrating the ability to physically examine the patient, • assessment of the level of clinical competence during work experience, taking into account the overall preparation, punctuality in arriving and leaving the clinical workplace, communication skills, empathy, assertiveness, responsible performance of entrusted duties during clinical exercises, • final knowledge test with a minimum of 50% success, • oral response with focus on providing hospital care for diseases as per the syllabus for the particular semester. <i>External form of study:</i> 182 contact hours (exercises)/semester, total demand on student 182 hours, combined method of education	
Final evaluation: <i>Overall assessment is calculated on the basis of the average of partial assessments - participation of the student in teaching, results of micro-grading, final knowledge test and oral testing as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and</i>	

ability at a declarative level for:

VV1 description of the initial and ongoing assessment of the patient's state of health.

VV2 definition and characterization of specific diagnostic, therapeutic procedures and emergencies.

The student has the ability to apply knowledge especially in the field of cognitive and practical:

VV3 to apply nursing procedures in the prevention of nosocomial infections, monitoring of vital functions, collection of biological material, administration of drugs, infusion and transfusion therapy, emergencies.

VV4 to perform the procedures defined in the clinical recorder of hospital healthcare services with the content structure of the information sheet.

The student is able to use the knowledge for professional and personal development, especially in the form of:

VV5 demonstration of the ability to manage health care in clinical workplaces of gynecology and obstetrics, anesthesiology and intensive care, intensive care units and emergency admission.

VV6 demonstration of the ability to keep the patient's medical records.

VV7 proof of competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic 151/2018 Coll., which determines the scope of practice in certain health professions, as amended <https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/>

Course content:

Brief syllabus of the subject:

- management of healthcare at clinical workplaces of gynaecology and obstetrics, anaesthesiology and intensive medicine, intensive care units and emergency admission,
- admission and continuous assessment of the health status of the patient,
- nursing procedures for the prevention of nosocomial infections, monitoring vital signs, collection of biological material, administering medicines, infusion and transfusion therapy, emergencies,
- bandaging and immobilization technique,
- specific diagnostic and therapeutic procedures applied at clinical workplaces,
- interpersonal communication,
- keeping medical records.

Recommended literature :

Recommended literature:

ARGAYOVÁ, I. et al. 2019. Ošetrovateľské techniky postupy pre zdravotníckych záchranárov. Prešov: PU FZO. 231 s. ISBN 978-80-555-2291-3.

BULÍKOVÁ, T., 2015. EKG pro záchranáře nekardiologie. Praha: Grada Publishing. 96s.

DOBIÁŠ, V. a kol., 2013. Klinická propedeutika v urgentnej medicíne. Praha: Grada Publishing. 208 s. ISBN 978-80-247-4570-1.

MIŽENKOVÁ, L., ARGAYOVÁ, I., RYBÁROVÁ, D. 2018. Klinický záznamník I. pre štu podijný odbor urgentná zdravotná starostlivosť. Prešov: PU v Prešove. 3. vyd., 104 s. ISBN 978-80-555-2002-5.

NEJEDLÁ, M., 2005. Fyzikální vyšetření pro sestry. Praha: Grada Publishing. 248 s. ISBN 80-247-1150-8.

PLEVOVÁ, I., ZOUBKOVÁ, R. 2021. Sestra a akutní stavy od A po Z. Praha: Grada Publishing. 1. vyd., 560 s. ISBN 978-80-271-0890-9.

VEVERKOVÁ, E. a kol., 2019. Ošetrovateľské postupy pro zdravotnicke záchranáře I. Praha: Grada Publishing. 228 s. ISBN 978-80-247-2747-9.

VEVERKOVÁ, E. a kol., 2019. Ošetrovateľské postupy pro zdravotnicke záchranáře II. Praha: Grada Publishing. 165 s. ISBN 978-80-271-2099-4.

VYTEJČKOVÁ, R. a kol., 2011. Ošetrovateľské postupy v péči o nemocné I. Praha: Grada Publishing. 228 s. ISBN 9788024734194.

VYTEJČKOVÁ, R. a kol., 2013. Ošetrovateľské postupy v péči o nemocné II. Praha: Grada Publishing. 288 s. ISBN 9788024734200.

SEDLÁŘOVÁ, P. a kol., 2015. Ošetrovateľské postupy v péči o nemocné III. Praha: Grada Publishing. 308 s. ISBN 9788024734217.

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation of student in induction training before beginning clinical work experience, participation of student in direct education 90% evidenced by attendance sheet, 10% non-non-participation only with confirmation of sickness.

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 91

A	B	C	D	E	FX
25%	11%	25%	18%	11%	10%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Reľovská, PhD., co-guarantor, lecturer, examiner, instructor PhDr. Ľudmila Miženková, PhD., MPH, co-guarantor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/KLCV3e/22</i>	Course title: <i>Clinical exercises 3</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>16 hour per week, 208 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>7</i>	
Recommended semester: <i>2nd year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/KLCV2e/22 - Clinical exercises 2</i>	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • obligatory participation of the student in the initial instruction before entering the clinical internship, • 1x monthly individual consultation of the student with the teacher - coordinator of clinical exercises in the emergency room (min. 3 semester - February, March, April), • in the first consultation the provider's consent to the inclusion of the student in practical training and data on the assigned mentor, • continuous formal and content control of records in the clinical recorder, • schedule of services and unannounced control of student participation in clinical practice, • 90% mandatory participation in clinical practice After completing the teaching to the required extent: • handing over a clinical recorder with a list of completed performances for the semester, • handing over a record of supervision and evaluation of the student by a mentor, • checking the attendance sheet, • handing over a record of clinical professional evaluation ax students, • submission of a processed seminar paper according to the assignment - (https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf) • successful completion of a knowledge test in connection with the syllabus in the relevant semesters, • oral answer focusing on the provision of pre-hospital emergency health care in acute conditions according to the course syllabus for the relevant semester, • practical examination of professional work activities in relation to the defined nosological units in the course syllabus. <i>External form of study: 208 contact hours (exercise)/semester, non-contact education 2 hours/semester, total demand on student 210 hours, combined method of education</i>	
Final evaluation: <i>Overall assessment of the student is calculated on the basis of the average of partial assessments – seminar paper, knowledge test, oral response as per the following percentage scale:</i> <p>A 100% - 92%</p> <p>B 91% - 84%</p> <p>C 83% - 76%</p> <p>D 75% - 65%</p> <p>E 64% - 50%</p> <p>FX 49% and less</p>	
Learning outcomes: <i>Results of education:</i> <i>Upon successful completion of the course, the student will be able to carry out professional work activities in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 334/2010 of 9 July 2010 on the scope of practice of a paramedic in the emergency medical service specifically following the syllabus. In particular, it will:</i> <ul style="list-style-type: none"> • respect applicable legislation, apply OBP principles, rules of conduct, • effectively use specific material and technical support of individual types of emergency medical ambulances, • provide pre-hospital emergency care to the extent of acquired knowledge and skills, • maintain, develop and further improve clinical skills acquired <i>After completing the course, students are able to:</i>	

Knowledge:

VV1 After getting acquainted with the basic information, the student should demonstrate at the declarative level theoretical and practical skills for the performance of emergency medical staff in the field of occupational safety, care and handling of equipment, organization of the trip, administrative activities, physical examination of the patient, preparation and administration of pharmacotherapy.

Skills:

VV2 to, manipulation with material - technical equipment, radio communication in solving the intervention of the EMS crew.

Competences:

VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain medical professions

Course content:

Brief syllabus of the subject:

General part:

- Legislation, professional methodological guidelines and recommended practices for the provision of prehospital emergency medical care.
- Material and technical provision of different types of EMS operations.
- Basic nursing, immobilization and transport equipment in EMS.
- Documentation in an EMS, communication and cooperation with other components of the IRS.
- Primary and secondary examination of the patient.
- Cardiopulmonary resuscitation: ALS, BLS, ALS, BLS in paediatrics CPR in specific conditions.
- Current knowledge in the profession, selected acute conditions not classified in curriculum content, interesting case reports.
- Participation in professional events: training, conferences, competitions, joint exercises etc.

Specific part:

1 Acute conditions affecting the cardiovascular system, symptoms, first aid:

1.1 CAD - ACS, angina pectoris, STEMI

1.2 Hypertension, hypertensive crisis

1.3 Heart failure, pulmonary oedema, cardiogenic shock

1.4 Abnormal heart rhythm

1.5 Stroke

2 Shock conditions:

2.1 Different types of shock, symptoms, first aid

2.2 Anaphylaxis

3 Acute conditions affecting the respiratory system, symptoms, first aid:

3.1 Bronchial asthma, chronic obstructive bronchiopulmonary disease

3.2 Respiratory insufficiency

3.3 Aspiration of a foreign body into the airway

3.4 Securing the openness of the airway, support of breathing and oxygen therapy

4 Acute conditions affecting central and peripheral systems, symptoms, first aid:

4.1 Quantitative and qualitative disturbance of consciousness

4.2 Unconsciousness of non-traumatic origin

4.3 Seizures and seizure diseases

4.4 Pain

Recommended literature :**Recommended literature:**

ADAMS, B. a kol., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.

BOGUSKÁ, D. et al., 2019. *Urgentná zdravotná starostlivosť*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 255 s. ISBN 978-80-555-2291-3.

BULÍKOVÁ, T., 2010. *Od symptómu k diagnóze v záchrannej zdravotnej službe*. Martin: Osveta. 148 s. 978-80-8063-334-9.

BYDŽOVSKÝ, J., 2008. *Akutní stavy v kontextu*. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.

BYDŽOVSKÝ, J., 2010. *Diferenciální diagnostika nejčastějších symptomů*. Praha: Triton. 144s. ISBN 978-80-7387-352-3.

BYDŽOVSKÝ, J., 2010. *Tabulky pro medicínu prvního kontaktu*. Praha: Triton. 239 s. ISBN 978-80-7387-351-6.

DOBLÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740 s. ISBN 978-80-8063-387-5.

Kardiopulmonálna resuscitácia 2020. Odporúčania ERC 2020 [on line]. 2020 Dostupné z: http://www.ssaim.sk/documents/KPR_2020_ERC_Kompletny_preklad-102012.pdf

KELNÁROVÁ, J., TOUFAROVÁ, J., VÁŇOVÁ, J., ČÍKOVÁ, Z., 2012. *První pomoc I*. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.

KELNÁROVÁ, J., TOUFAROVÁ, J., ČÍKOVÁ, E., MATĚJKOVÁ, J., VÁŇOVÁ, J., 2013. *První pomoc II*. Praha: Grada Publishing. 192 s. ISBN 978-80-247-4200-7.

KOLLAROVÁ, B. et. al., 2011. *Klinický záznamník. Výkony prednemocničnej starostlivosti. Urgentná zdravotná starostlivosť. Prešovská univerzita v Prešove. Fakulta zdravotníckych odborov. 166 s. ISBN 978-80-555-0329-5.*
 POKORNÝ J. et. al., 2010. *Lékařská první pomoc. Praha: Galén. 474 s. ISBN 978-80-7262-322-8.*
 POKORNÝ, J. et. al., 2004. *Urgentní medicína. Praha: Galén. 547 s. ISBN 80-7262-259-5.*
 SHILING McCANN J., A. a kol., 2008. *Sestra a urgentní stavy. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.*
 ZAZULA, R. et al., 2019. *Záchranárska technika a technológie. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 194 s. ISBN 978-80-555-2290-6.*

Language which is necessary to complete the course: *Slovak*

Notes:

Notes:
 Clinical exercises take place in the EMS under the professional supervision of the medical rescue worker - the mentor.
 Compulsory participation of student in induction training before beginning clinical work experience.
 90% compulsory participation in clinical professional work experience evidenced by attendance sheet.
 For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 89

A	B	C	D	E	FX
24%	35%	17%	11%	2%	11%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. Vladimír Hosa, MPH, co-guarantor, lecturer, examiner, instructor Ing. Bc. Marek Žifčák, MPH, co-guarantor, lecturer, instructor Ing. Bc. MSc. Danka Boguská, PhD., lecturer, examiner, instructor, seminary supervisor Ing. Bc. Michal Hudák, co-guarantor, lecturer, instructor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/KLCV4e/22</i>	Course title: <i>Clinical exercises 4</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>16 hour per week, 208 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>7</i>	
Recommended semester: <i>3rd year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/KLCV3e/22 - Clinical exercises 3</i>	
Conditions for passing the course: Form of assessment: <i>KLCV 3 - Clinical exercises 3</i> Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>obligatory participation of the student in the initial instruction before entering the clinical internship,</i> • <i>1x monthly individual consultation of the student with the teacher - coordinator of clinical exercises in the emergency room (min. 3 semester - February, March, April),</i> • <i>in the first consultation the provider's consent to the inclusion of the student in practical training and data on the assigned mentor,</i> • <i>continuous formal and content control of records in the clinical recorder,</i> • <i>schedule of services and unannounced control of student participation in clinical practice,</i> • <i>90% mandatory participation in clinical practice After completing the teaching to the required extent:</i> • <i>handing over a clinical recorder with a list of completed performances for the semester,</i> • <i>handing over a record of supervision and evaluation of the student by a mentor,</i> • <i>checking the attendance sheet,</i> • <i>handing over a record of clinical professional evaluation ax students,</i> • <i>submission of a processed seminar paper according to the assignment - (https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf)</i> • <i>successful completion of a knowledge test in connection with the syllabus in the relevant semesters,</i> • <i>oral answer focusing on the provision of pre-hospital emergency health care in acute conditions according to the course syllabus for the relevant semester,</i> • <i>practical examination of professional work activities in relation to the defined nosological units in the course syllabus.</i> <p><i>External form of study: 208 contact hours (exercise)/semester, non-contact education 2 hours/semester, total demand on student 210 hours, combined method of education</i></p>	
Final evaluation: <i>Overall assessment of the student is calculated from the average of partial assessments – seminar paper, knowledge test, oral response as per the following percentage scale:</i> <i>A 100.00 – 90.00 %</i> <i>B 89.99 – 80.00 %</i> <i>C 79.99 – 70.00 %</i> <i>D 69.99 – 60.00 %</i> <i>E 59.99 – 50.00 %</i> <i>FX 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>Upon successful completion of the course, the student will be able to carry out professional work activities in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 151/2018 on the scope of practice of a paramedic in the emergency medical service specifically following the syllabus.</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student has to demonstrate theoretical and practical skills for the performance of emergency medical staff in the field of comprehensive management of prehospital emergency patient care, including resuscitation procedures.</i> Skills:	

VV2 The student has a cognitive and practical ability to apply knowledge in the intervention of emergency medical staff in the field of independent assessment of the patient's health, determination of adequate treatment, implementation of specific procedures, resuscitation procedures and further direction of the patient.

Competences:

VV3 Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., which determines the scope of practice in certain health professions

Course content:

Brief syllabus of the subject:

General part

- *Legislation, professional methodological guidelines and recommended procedures for the provision of pre-hospital emergency health care*
- *Material and technical equipment of individual types of emergency medical ambulances*
- *Basic nursing, immobilization and transport techniques in emergency medical services*
- *Documentation in emergency medical services, communication and cooperation with other IRS units*
- *Primary and secondary examination of the patient*
- *Urgent resuscitation: ALS, BLS, ALS, BLS in pediatrics, CPR in specific conditions*
- *Current knowledge in the field, selected acute conditions not included in the content of the curriculum, interesting case reports*
- *Participation in professional events: training, conference conferences, collaborative exercises, etc.*

Specific part

- *Injuries, symptoms, first aid*
- *Bleeding, hemorrhagic shock*
- *Fractures*
- *Cranio cerebral injuries*
- *Chest and abdomen injuries*
- *Polytrauma*
- *Heat injuries, burns, frostbite, chemical burns. Heating and drowning*
- *Electric shocks, lightning*
- *Acute conditions in gynecology and obstetrics*
- *Childbirth, obstetric bleeding, primary treatment of the newborn*
- *Bleeding outside pregnancy*
- *Acute conditions in pediatrics*
- *Choking, laryngitis, epiglottitis*
- *Febrile convulsions.*

Recommended literature :

Recommended literature:

- ADAMS, B. a kol., 1999. Sestra a akutní stavy od A po Z. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.*
- BOGUSKÁ, D. et al., 2019. Urgentná zdravotná starostlivosť. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 255 s. ISBN 978-80-555-2291-3.*
- BULÍKOVÁ, T., 2010. Od symptómu k diagnóze v záchranej zdravotnej službe. Martin: Osveta. 148 s. 978-80-8063-334-9.*
- BYDŽOVSKÝ, J., 2008. Akutní stavy v kontextu. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.*
- BYDŽOVSKÝ, J., 2010. Diferenciální diagnostika nejčastějších symptomu. Praha: Triton. 144 s. ISBN 978-80-7387-352-3.*
- BYDŽOVSKÝ, J., 2010. Tabulky pro medicínu prvního kontaktu. Praha: Triton. 239 s. ISBN 978-80-7387-351-6.*
- DOBIÁŠ, V. a kol., 2012. Prednemocničná urgentná medicína. Martin: Osveta. 740 s. ISBN 978-80-8063-387-5.*
- KELNÁROVÁ, J., TOUFAROVÁ, J., VÁŇOVÁ, J., ČÍKOVÁ, Z., 2012. První pomoc I. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.*
- KELNÁROVÁ, J., TOUFAROVÁ, J., ČÍKOVÁ, E., MATĚJKOVÁ, J., VÁŇOVÁ, J. 2013. První pomoc II. Praha: Grada Publishing. 192 s. ISBN 978-80-247-4200-7.*
- KOLLÁROVÁ, B. et al., 2011. Klinický záznamník. Výkony prednemocničnej starostlivosti. Urgentná zdravotná starostlivosť. Prešovská univerzita v Prešove. Fakulta zdravotníckych odborov. 166 s. ISBN 978-80-555-0329-5.*
- SHILING McCann J., A. a kol., 2008. Sestra a urgentní stavy. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.*
- POKORNÝ J. et al., 2010. Lékařská první pomoc. Praha: Galén. 474 s. ISBN 978-80-7262-322-8.*
- POKORNÝ, J. et al., 2004. Urgentní medicína. Praha: Galén. 547 s. ISBN 80-7262-259-5.*
- ZAZULA, R. et al., 2019. Záchranárska technika a technológie. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 194 s. ISBN 978-80-555-2290-6.*

Language which is necessary to complete the course: *Slovak*

Notes:

Notes:
Clinical exercises take place in the EMS under the professional supervision of the medical rescue worker - the mentor.
Compulsory participation of student in induction training before beginning clinical work experience.
90% compulsory participation in clinical professional work experience evidenced by attendance sheet.
For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: *64*

A	B	C	D	E	FX
13%	28%	34%	19%	3%	3%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. Michal Hudák, co-guarantor Ing. Bc. MSc. Danko Boguská, PhD., co-guarantor Ing. Bc. Marek Žifčák, MPH, co-guarantor PhDr. Martina Vitková, co-guarantor Ing. Bc. Vladimír Hosa, MPH, co-guarantor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/KLCV5e/20</i>	Course title: <i>Clinical exercises 5</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>80 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>3</i>	
Recommended semester: <i>3rd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/KLCV4e/22 - Clinical exercises 4</i>	
Conditions for passing the course: Form of assessment: <i>KLCV4 - Clinical exercises 4</i> Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • obligatory participation of the student in the initial instruction before entering the clinical internship, • 1x monthly individual consultation of the student with the teacher - coordinator of clinical exercises in the emergency room (min. 3 semester - February, March, April), • in the first consultation the provider's consent to the inclusion of the student in practical training and data on the assigned mentor, • continuous formal and content control of records in the clinical recorder, • schedule of services and unannounced control of student participation in clinical practice, • 90% mandatory participation in clinical practice After completing the teaching to the required extent: • handing over a clinical recorder with a list of completed performances for the semester, • handing over a record of supervision and evaluation of the student by a mentor, • checking the attendance sheet, • handing over a record of clinical professional evaluation ax students, • submission of a processed seminar paper according to the assignment - (https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf) • successful completion of a knowledge test in connection with the syllabus in the relevant semesters, • oral answer focusing on the provision of pre-hospital emergency health care in acute conditions according to the course syllabus for the relevant semester, • practical examination of professional work activities in relation to the defined nosological units in the course syllabus. <i>External form of study: 240 contact hours (exercise)/semester, non-contact education 30 hours/semester, total demand on student 270 hours, combined method of education</i> Final evaluation: <i>Overall assessment of the student is calculated on the basis of the average of partial assessments – seminar paper, knowledge test, oral response as per the following percentage scale:</i> <i>A 100.00 – 90.00 %</i> <i>B 89.99 – 80.00 %</i> <i>C 79.99 – 70.00 %</i> <i>D 69.99 – 60.00 %</i> <i>E 59.99 – 50.00 %</i> <i>FX 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>Upon successful completion of the course, the student will be able to carry out professional work activities in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 334/2010 of 9 July 2010 on the scope of practice of a paramedic in the emergency medical service specifically following the syllabus.</i> <i>In particular, it will:</i> <ul style="list-style-type: none"> • respect applicable legislation, apply OBP principles, rules of conduct, • effectively use specific material and technical support of individual types of emergency medical ambulances, • provide pre-hospital emergency care to the extent of acquired knowledge and skills, 	

- maintain, develop and further improve clinical skills acquired

After completing the course, students are able to:

Knowledge:

VV1 After getting acquainted with basic information, the student at the declarative level has to demonstrate theoretical and practical skills for the performance of emergency medical staff in cooperation with other IRS units in the complex management of pre-hospital emergency health care

Skills:

VV2 The student has mainly in the level of cognitive and practical ability to apply knowledge in the intervention of the EMS crew in cooperation with other IRS units in the field of independent health assessment

Competence:

VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., which determines the scope of practice in some medical professions

Course content:

Brief syllabus of the subject:

General part

- Legislation, professional methodological guidelines and recommended procedures for the provision of pre-hospital emergency health care
- Material and technical equipment of individual types of emergency medical ambulances
- Basic nursing, immobilization and transport techniques in emergency medical services
- Documentation in emergency medical services, communication and cooperation with other IRS units
- Primary and secondary examination of the patient
- Urgent resuscitation: ALS, BLS, ALS, BLS in pediatrics, CPR in specific conditions
- Current knowledge in the field, selected acute conditions not included in the content of the curriculum, interesting case reports
- Participation in professional events: trainings, conference conferences, collaborative exercises, etc.

Specific part

- Acute conditions in psychiatry: o neuroses and reactive disorders, hyperventilation syndrome, o psychotic disorders, depression, mania, productive symptoms, suicide, o alcohol dependence syndrome, intoxication, delirium, about drug addiction intoxication, intoxication syndrome
- Poisoning: o inhalation poisoning, o food poisoning
- Wounds, infections, inflammations
- Acute conditions in ophthalmology
- Acute conditions in otorhinolaryngology
- Acute conditions in urology
- Accident with mass casualties.

Recommended literature :

Recommended literature:

- ADAMS, B. a kol., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.
- BOGUSKÁ, D. et al., 2019. *Urgentná zdravotná starostlivosť*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 255 s. ISBN 978-80-555-2291-3.
- BULÍKOVÁ, T., 2010. *Od symptómu k diagnóze v záchrannej zdravotnej službe*. Martin: Osveta. 148 s. 978-80-8063-334-9.
- BYDŽOVSKÝ, J., 2008. *Akutní stavy v kontextu*. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.
- BYDŽOVSKÝ, J., 2010. *Diferenciální diagnostika nejčastějších symptomu*. Praha: Triton. 144s. ISBN 978-80-7387-352-3.
- BYDŽOVSKÝ, J., 2010. *Tabulky pro medicínu prvního kontaktu*. Praha: Triton. 239 s. ISBN 978-80-7387-351-6.
- DOBIÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740 s. ISBN 978-80-8063-387-5.
- Kardiopulmonálna resuscitácia 2020. *Oporúčania ERC 2020 [on line]*. 2020 Dostupné z: http://www.ssaim.sk/documents/KPR_2020 ERC_Kompletny_prekład-102012.pdf
- KELNÁROVÁ, J., TOUFAROVÁ, J., VÁŇOVÁ, J., ČÍKOVÁ, Z., 2012. *První pomoc I*. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.
- KELNÁROVÁ, J., TOUFAROVÁ, J., ČÍKOVÁ, E., MATĚJKOVÁ, J., VÁŇOVÁ, J. 2013. *První pomoc II*. Praha: Grada Publishing. 192 s. ISBN 978-80-247-4200-7.
- KOLLÁROVÁ, B. et al., 2011. *Klinický záznamník. Výkony prednemocničnej starostlivosti. Urgentná zdravotná starostlivosť*. Prešovská univerzita v Prešove. Fakulta zdravotníckych odborov. 166 s. ISBN 978-80-555-0329-5.
- SHILING McCANN J., A. a kol., 2008. *Sestra a urgentní stavy*. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.
- POKORNÝ J. et al., 2010. *Lékařská první pomoc*. Praha: Galén. 474 s. ISBN 978-80-7262-322-8.
- POKORNÝ, J. et al., 2004. *Urgentní medicína*. Praha: Galén. 547 s. ISBN 80-7262-259-5.
- ZAZULA, R. et al., 2019. *Záchrannárska technika a technológie*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 194 s. ISBN 978-80-555-2290-6.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes:
Clinical exercises take place in the EMS under the professional supervision of the medical rescue worker - the mentor.
Compulsory participation of student in induction training before beginning clinical work experience.
90% compulsory participation in clinical professional work experience evidenced by attendance sheet.
For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: *0*

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. Michal Hudák, co-guarantor, lecturer, instructor Ing. Bc. Marek Žifčák, MPH, co-guarantor, lecturer, examiner, instructor, seminary supervisor Ing. Bc. MSc. Danko Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor prof. MUDr. Ján Kmec, co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/KLCV6e/22</i>	Course title: <i>Clinical exercises 6</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>80 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>3</i>	
Recommended semester: <i>4th year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/KLCV5e/15 - Clinical exercises 5</i>	
Conditions for passing the course: Form of assessment: <i>KLCV5 - Clinical exercises 5 external form of study</i> Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>compulsory participation of student in induction training before beginning clinical work experience,</i> • <i>1x monthly individual consultation of student with teacher - coordinator of clinical exercises in EMS (min. 3 x semester - February, March, April),</i> • <i>at the first consultation submission favourable opinion of the provider on including the student in practical training and data on the assigned mentor,</i> • <i>continuous control of formal and content sides of records of performance in clinical logbook,</i> • <i>check of roster and unannounced check of student participation in clinical professional work experience,</i> • <i>90% compulsory participation in clinical professional work experience evidenced by attendance sheet,</i> • <i>during the semester the student produces a more extensive seminar paper on an assigned topic (10 hours of individual student work).</i> <i>After completing education in the required scope:</i> <ul style="list-style-type: none"> • <i>submitting clinical logbook with a record of completed performances for the given semester,</i> • <i>submission of the record of supervision and assessment of the student by the mentor,</i> • <i>checking the attendance sheet,</i> • <i>submission of the record of clinical professional work experience by the student,</i> • <i>submission of the produced seminar paper as per assignment,</i> • <i>successful completion of the knowledge test in connection with the subject syllabus for the particular semester,</i> • <i>oral response with focus on the provision of pre-hospital emergency medical care in acute conditions under the syllabus for the relevant semester,</i> • <i>practical testing of professional work activities in relation to defined nosological entities in the subject syllabus.</i> Final evaluation: <i>Overall assessment of the student is calculated on the basis of the average of partial assessments – seminar paper, knowledge test, oral response as per the following percentage scale:</i> <i>A 100.00 – 90.00 %</i> <i>B 89.99 – 80.00 %</i> <i>C 79.99 – 70.00 %</i> <i>D 69.99 – 60.00 %</i> <i>E 59.99 – 50.00 %</i> <i>FX 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>The student, after successful completion of this subject, will be able to independently of in cooperation with other ambulance crew members under the supervision of the assigned mentor implement professional work in the meaning of Ministry of Health Decree no 334/2010 date 9 July 2010 on the scope of work of EMS workers specifically dependent on the subject syllabus. Primarily the student will:</i> <ul style="list-style-type: none"> • <i>respect valid legislation, apply the principles of safety at work, rules of conduct,</i> 	

- effective use of specific material and technical provision of different types of EMS,
- provide prehospital emergency care within the scope of gained knowledge and skills,
- maintain, develop and further improve clinical skills by study and practice.

Course content:

Brief syllabus of the subject:

General part

- Legislation, professional methodological guidelines and recommended practices for the provision of prehospital emergency medical care.
- Material and technical provision of different types of EMS operations.
- Basic nursing, immobilization and transport equipment in EMS.
- Documentation in an EMS, communication and cooperation with other components of the IRS.
- Primary and secondary examination of the patient.
- Cardiopulmonary resuscitation: ALS, BLS, ALS, BLS in paediatrics CPR in specific conditions.
- Current knowledge in the profession, selected acute conditions not classified in curriculum content, interesting case reports.
- Participation in professional events: training, conferences, competitions, joint exercises etc.

Specific part

- Poisoning:
 - o inhalation poisoning,
 - o food poisoning.
- Wounds, infections, inflammations.
- Acute conditions in ophthalmology.

Recommended literature :

Recommended literature:

- ADAMS, B. a kol., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.
- BULÍKOVÁ, T., 2010. *Od symptomu k diagnóze v záchranné zdravotnej službe*. Martin: Osveta. 148 s. 978-80-8063-334-9.
- BYDŽOVSKÝ, J., 2008. *Akutní stavy v kontextu*. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.
- BYDŽOVSKÝ, J., 2010. *Diferenciální diagnostika nejčastějších symptomu*. Praha: Triton. 144 s. ISBN 978-80-7387-352-3.
- BYDŽOVSKÝ, J., 2010. *Tabulky pro medicínu prvního kontaktu*. Praha: Triton. 239 s. ISBN 978-80-7387-351-6.
- DOBIÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740 s. ISBN 978-80-8063-387-5.
- KELNÁROVÁ, J., TOUFAROVÁ, J., VÁŇOVÁ, J., ČÍKOVÁ, Z., 2012. *První pomoc I*. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.
- KELNÁROVÁ, J., TOUFAROVÁ, J., ČÍKOVÁ, E., MATĚJKOVÁ, J., VÁŇOVÁ, J. 2013. *První pomoc II*. Praha: Grada Publishing. 192 s. ISBN 978-80-247-4200-7.
- KOLLÁROVÁ, B. et al., 2011. *Klinický záznamník. Výkony prednemocničnej starostlivosti. Urgentná zdravotná starostlivosť*. Prešovská univerzita v Prešove. Fakulta zdravotníckych odborov. 166 s. ISBN 978-80-555-0329-5.
- SHILING McCANN J., A. a kol., 2008. *Sestra a urgentní stavy*. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.
- POKORNÝ J. et. al., 2010. *Lékařská první pomoc*. Praha: Galén. 474 s. ISBN 978-80-7262-322-8.
- POKORNÝ, J. et. al., 2004. *Urgentní medicína*. Praha: Galén. 547 s. ISBN 80-7262-259-5.

Language which is necessary to complete the course: Slovak

Notes:

Notes:

Clinical exercises take place in the EMS under the professional supervision of the medical rescue worker - the mentor.

The content of the information sheet for subject KLCV 6 for the external form of study corresponds to 1/3 of the content of KLCV5 for the daily form of study.

Compulsory participation of student in induction training before beginning clinical work experience.

90% compulsory participation in clinical professional work experience evidenced by attendance sheet,

Course evaluation:

Total number of students evaluated: 43

A	B	C	D	E	FX
16%	33%	37%	12%	2%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Vitková, co-guarantor, lecturer, examiner, instructor, seminary supervisor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor Ing. Bc. Vladimír Hosa, MPH,

co-guarantor, lecturer, examiner, instructor, seminary supervisor Ing. Bc. Michal Hudák, co-guarantor Ing. Bc. Marek Žifčák, MPH, co-guarantor Mgr. Bc. Jozef Koprušák, co-guarantor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/KLCV7e/22</i>	Course title: <i>Clinical exercises 7</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>80 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>3</i>	
Recommended semester: <i>4th year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/KLCV6e/15 - Clinical exercises 6</i>	
Conditions for passing the course: Form of assessment: <i>KLCV6 - Clinical exercises 6 external form of study</i> Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in induction training before beginning clinical work experience, • 1x monthly individual consultation of student with teacher - coordinator of clinical exercises in EMS (min. 3 x semester - February, March, April), • at the first consultation submission favourable opinion of the provider on including the student in practical training and data on the assigned mentor, • continuous control of formal and content sides of records of performance in clinical logbook, • check of roster and unannounced check of student participation in clinical professional work experience, • 90% compulsory participation in clinical professional work experience evidenced by attendance sheet, • during the semester the student produces a more extensive seminar paper on an assigned topic (10 hours of individual student work). <i>After completing education in the required scope:</i> <ul style="list-style-type: none"> • submitting clinical logbook with a record of completed performances for the given semester, • submission of the record of supervision and assessment of the student by the mentor, • checking the attendance sheet, • submission of the record of clinical professional work experience by the student, • submission of the produced seminar paper as per assignment, • successful completion of a knowledge test connected to a model situation, • oral response with focus on providing pre-hospital emergency care in solving assigned model situations, • solving model situations related to acute threat to life or health, with availability of the special equipment of the EMS within the scope of the curriculum for the entire study period.. Final evaluation: <i>Overall assessment of the student is calculated on the basis of the average of partial assessments – seminar paper, knowledge test, oral response, solving model situations as per the following percentage scale:</i> <i>A 100.00 – 90.00 %</i> <i>B 89.99 – 80.00 %</i> <i>C 79.99 – 70.00 %</i> <i>D 69.99 – 60.00 %</i> <i>E 59.99 – 50.00 %</i> <i>FX 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>The student, after successful completion of this subject, will be able to independently or in cooperation with other ambulance crew members under the supervision of the assigned mentor implement professional work in the meaning of Ministry of Health Decree no 334/2010 date 9 July 2010 on the scope of work of EMS workers specifically dependent on the subject syllabus. Primarily the student will:</i> <ul style="list-style-type: none"> • respect valid legislation, apply the principles of safety at work, rules of conduct, • effective use of specific material and technical provision of different types of EMS, • provide prehospital emergency care within the scope of gained knowledge and skills, 	

- maintain, develop and further improve clinical skills by study and practice.

Course content:

Brief syllabus of the subject:

General part

- Legislation, professional methodological guidelines and recommended practices for the provision of prehospital emergency medical care.
- Material and technical provision of different types of EMS operations.
- Basic nursing, immobilization and transport equipment in EMS.
- Documentation in an EMS, communication and cooperation with other components of the IRS.
- Primary and secondary examination of the patient.
- Cardiopulmonary resuscitation: ALS, BLS, ALS, BLS in paediatrics CPR in specific conditions.
- Current knowledge in the profession, selected acute conditions not classified in curriculum content, interesting case reports.
- Participation in professional events: training, conferences, competitions, joint exercises etc.

Specific part

- Acute conditions in otorhinolaryngology.
- Acute conditions in urology.
- Accident with mass casualties.

Recommended literature :

Recommended literature:

ADAMS, B. a kol., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.

BULÍKOVÁ, T., 2010. *Od symptomu k diagnóze v záchranné zdravotnej službe*. Martin: Osveta. 148 s. 978-80-8063-334-9.

BYDŽOVSKÝ, J., 2008. *Akutní stavy v kontextu*. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.

BYDŽOVSKÝ, J., 2010. *Diferenciální diagnostika nejčastějších symptomu*. Praha: Triton. 144 s. ISBN 978-80-7387-352-3.

BYDŽOVSKÝ, J., 2010. *Tabulky pro medicínu prvního kontaktu*. Praha: Triton. 239 s. ISBN 978-80-7387-351-6.

DOBIÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740 s. ISBN 978-80-8063-387-5.

KELNÁROVÁ, J., TOUFAROVÁ, J., VÁŇOVÁ, J., ČÍKOVÁ, Z., 2012. *První pomoc I*. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.

KELNÁROVÁ, J., TOUFAROVÁ, J., ČÍKOVÁ, E., MATĚJKOVÁ, J., VÁŇOVÁ, J., 2013. *První pomoc II*. Praha: Grada Publishing. 192 s. ISBN 978-80-247-4200-7.

KOLLÁROVÁ, B. et. al., 2011. *Klinický záznamník. Výkony prednemocničnej starostlivosti. Urgentná zdravotná starostlivosť*. Prešovská univerzita v Prešove. Fakulta zdravotníckych odborov. 166 s. ISBN 978-80-555-0329-5.

SHILING McCANN J., A. a kol., 2008. *Sestra a urgentní stavy*. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.

POKORNÝ J. et. al., 2010. *Lékařská první pomoc*. Praha: Galén. 474 s. ISBN 978-80-7262-322-8.

POKORNÝ, J. et. al., 2004. *Urgentní medicína*. Praha: Galén. 547 s. ISBN 80-7262-259-5.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes:

Clinical exercises take place in the EMS under the professional supervision of the medical rescue worker - the mentor.

The content of the information sheet for subject KLCV 7 for the external form of study corresponds to 1/3 of the content of KLCV5 for the daily form of study.

Compulsory participation of student in induction training before beginning clinical work experience.

90% compulsory participation in clinical professional work experience evidenced by attendance sheet.

Course evaluation:

Total number of students evaluated: 43

A	B	C	D	E	FX
12%	33%	28%	16%	9%	2%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Vitková, co-guarantor, lecturer Ing. Bc. MSc. Danko Boguská, PhD., lecturer, examiner, instructor, seminary supervisor Ing. Bc. Marek Žifčák, MPH, co-guarantor, lecturer

Date of last change: <i>01.09.2022</i>
Approved by: <i>doc. MUDr. Roman Zazula, Ph.D.</i>

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/KLPRPe/22</i>	Course title: <i>Clinical propaedeutics</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture, Seminar</i> Scope of educational activity: <i>1,1 hour per week, 13,13 per semester</i> Method of educational activity:	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in education min. 90%, • one more extensive seminar paper (student preparation = 10 hours), https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf • individual self-study (24 hours). <i>External form of study: 13 contact hours (lecture) /semester, 13 hours (seminar) /semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined form of education</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • final knowledge test with a minimum of 50% success. 	
Final evaluation: <i>Overall assessment is calculated as the average of assessments of the seminar paper, the final test and oral response as per the following percentage scale:</i> <ul style="list-style-type: none"> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i> 	
Learning outcomes: <i>Results of education:</i> <i>After completing the subject, students can / are able to:</i> <i>a student after familiarization with basic information has an adequate level of understanding and capabilities at the declarative level for:</i> <ul style="list-style-type: none"> <i>VV1 to demonstrate knowledge of general objective and subjective symptoms of illness and health and the recognition of the situation of illness, to assess its severity and interpret</i> <i>Tendering Java,</i> <i>VV2 describing the essence of individual investigative methods,</i> <i>The student has a capability to apply knowledge in particular in the area of cognitive and practical:</i> <i>VV3 to carry out and evaluate ECG,</i> <i>VV4 to evaluate the results of biochemical and all laboratory investigative methods,</i> <i>VV5 to prepare ill for individual examinations and ensure care of them during and after examination.</i> <i>VV6 to perform self-selected individual examinations,</i> <i>VV7 use and maintain instrument technology.</i> <i>It can use knowledge for professional and personal development, especially in the form of:</i> <i>VV8 has competencies in accordance with the Ministry of Record of the Slovak Republic No.151 / 2018 ZZ, which determines the scope of practice in some Healthcare professions as amended:</i> https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/	

Course content:

Brief syllabus of the subject:

- *General principles of clinical propaedeutics, the definition of health and disease, health assessment: history (medical and nurse's), symptoms and signs of disease, measurement and evaluation of physiological functions: consciousness, body temperature, blood pressure, pulse, respiration.*
- *Basics of physical examination: basic, general check up, examination of the head, neck, chest, lungs, abdomen, upper and lower limbs. Basic physical examination - general examination of the cardiovascular system, pain, musculoskeletal system, nervous system.*
- *Basic examination methods in cardiology, gastroenterology, nephrology, endocrinology, rheumatology, haematology, microbiology, treatment of pulmonary diseases.*
- *Basic radiodiagnostics, ultrasound, radionuclide, ECG and endoscopic examination.*

Recommended literature :

Odporúčaná literatúra

DOBIAŠ, V. 2013. Klinická propedeutika v urgentnej medicíne. Praha: Grada Publishing, a.s., s. 208.

NEJEDLÁ, M. 2015. Klinická propedeutika pro studenty zdravotnických oborů. Praha: Grada Publishing, a.s., s. 240. BABČÁK, M., NÉMETH, F. et al., 2009. Vybrané kapitoly z internej propedeutiky, výživy a ošetrovateľstva. Prešov. DAH, s.r.o. s. 228. KAŠČÁK, M., 2006. Klinická propedeutika. Martin: Vydavateľstvo Osveta, 90 s. ISBN 80 – 8063-215-4.

NEJEDLÁ, M., 2005. Fyzikální vyšetření pro sestry. Praha: Grada Publishing. 248 s. ISBN 80-247-1150-8

SHILING McCANN J., A. a kol., 2008. Sestra a urgentní stavy. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2. TAKÁČ, M. a kol., 1998. Propedeutika vnútorného lekárstva. Martin: Osveta. ISBN 80-888-2473-7.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of student in education min. 90%

For the effective course of seminars is max. the number of students 15 in one group. For students with specific needs, individualized access on the basis of a faculty coordinator recommendation for students with specific needs. Pokyny how to draw up a specified role are published at the Faculty Website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 151

A	B	C	D	E	FX
25%	30%	9%	9%	4%	23%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor prof. MUDr. Ján Kmec, co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/LEV0De/22</i>	Course title: <i>Summer training course of water rescue</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>50 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: 2	
Recommended semester: <i>2nd year ST emergency health care (UZSe3)</i> <i>3rd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/PPZA4e/22 - Fitness training for rescuers 4</i>	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>participation of student in direct education to the full extent,</i> • <i>completing the final course aimed at practical solution of model situations connected with rescue of drowning people in a pool and in open water,</i> • <i>individual self-study (10 hours).</i> <i>External form of study: 50 contact hours (exercise) /semester, non-contact education 10 hours/semester, total demand on student 60 hours, combined method of education</i>	
Final evaluation: <i>The student successfully completes the subject upon fulfilling the prescribed assessment criteria.</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able to:</i> <i>Knowledge:</i> <i>VV1 After getting acquainted with basic information, the student at the declarative level has an adequate level of understanding and ability to characterize the specifics and principles of water rescue.</i> <i>Skills:</i> <i>VV2 areas of rescue activities on the water and will control various types of vessels and rescue aids</i> <i>Competences:</i> <i>VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., which determines the scope of practice in some medical professions</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • <i>training in handling vessels, barges and canoes,</i> • <i>training in rescuing the drowning for a pool and open water,</i> • <i>training jumps into the water from vessels to help tired swimmers,</i> • <i>training in the use of rescue equipment,</i> • <i>training in first aid of the drowning, removal and transportation from the water,</i> • <i>swimming with ABC,</i> • <i>coordinating rescue of the drowning in cooperating with fire rescue service.</i> 	
Recommended literature : <i>Recommended literature:</i> <i>Kardiopulmonálna resuscitácia 2021. Odporúčania ERC 2021 [on line]. 2021 Dostupné na internete: https://www.cprguidelines.eu</i> <i>BARAN, I., 2006. Záchrana topiaceho. Bratislava: Slovenský červený kríž. ISBN 80-88973-20-1.</i> <i>DOBIÁŠ, V. a kol., 2012. Prednemocničná urgentná medicína. Martin: Vydavateľstvo Osveta, 738 s. ISBN 978-80-8063-384-5.</i> <i>SÝKORA, K. a kol., 2017. K teorii vojenského plávání. Praha: Univerzita Karlova. 172 s. ISBN 978-80-246-3652-8 (pdf)</i>	

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: participation of student in direct education to the full extent

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: *0*

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor PaedDr. Lubomír Paučír, PhD., lecturer, examiner, instructor, seminary supervisor PhDr. Martina Vitková, lecturer, examiner, instructor, seminary supervisor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/LEVYKe/22</i>	Course title: <i>Summer mountain rescue training course</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>50 hour per week, 650 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe3)</i> <i>2nd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>compulsory participation of student in direct education to the full extent,</i> • <i>completing the final course aimed at practical solution of model situations connected with mountain rescue in the summer period,</i> • <i>individual self-study (10 hours).</i> <i>The student successfully completes the subject upon fulfilling the prescribed assessment criteria.</i> <i>External form of study: 50 contact hours (exercise)/semester, non-contact education 10 hours/semester, total demand on student 60 hours, combined form of education</i>	
Final evaluation: <i>The student successfully completes the subject upon fulfilling the prescribed assessment criteria.</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the subject, students can / are able to:</i> <i>a student after familiarization with basic information has adequate levels of understanding and capabilities at declarative level:</i> <i>VV1 Defining the basic field orientation capabilities,</i> <i>VV2 describing basic capabilities,</i> <i>VV3 explaining basic capabilities at work and evacuation of patient in hard time Mountain terrain in summer period.</i> <i>The student has a capability to apply knowledge especially in the area of cognitive and practical:</i> <i>VV4 to apply the basic abilities and skills orientation in the field,</i> <i>VV5 to realize the basic capabilities and skills at work and evacuation of the patient in a hard-available terrain in the summer.</i> <i>Knowledge for professional and personality development especially in the form:</i> <i>VV6 has competencies in accordance with the Ministry of Education of the Slovak Republic No.151/2018 ZZ by which it determines the scope of practice in some health professions, as amended.</i> https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • <i>Basics of safe movement and stay in the mountains in summer.</i> • <i>Status and role of MRS in the integrated rescue system. Material, technical and transport means used for long-term transport of patients from difficult to access mountainous terrain in the summer.</i> • <i>Orientation summer mountainous terrain using GPS combined with practical training.</i> • <i>Basics of mountaineering training and patient transport in a mountainous area.</i> • <i>Principles of treatment and transport of the wounded in difficult to access mountainous terrain in the summer.</i> 	
Recommended literature :	

Odporičaná literatúra:

BOGUSKÁ, D. a kol. 2021. Záchranárska technika a technológia. 194 str.

BOGUSKÁ, D. a kol. 2020. Urgentná zdravotná starostlivosť. 339 str.

DARMAN, P. 2000. Ako prežiť v extrémnych podmienkach. 256 s. ISBN: 80-7181-326

DOBIÁŠ, V. a kol. 2021. Urgentná medicína. Martin: Vydavateľstvo Osveta, 2012, s. 738. ISBN 978-80-8063-384-5.

JUNGER, J. 2002. Turistika a športy v prírode. Prešov: FHPV PU Prešov. 267s. ISBN 80-8068-097-3.

NAGY, J. 1985. Abeceda orientačného behu. Bratislava: Šport, 1985.

TEPLÝ, Z. 1995. Zdraví, zdatnosť, pohybový režim. Praha: Česká asociace Sport pro všechny, 1995, ISBN 80-85910-02-0.

ŽÍDEK, J. a kol. 2004 Turistika. Učebné texty FTVŠ UK. Bratislava, 2004. ISBN 80-88901-89-8.

Language which is necessary to complete the course: Slovak

Notes:

Notes:

Compulsory participation of student in direct education to the full extent.

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured. Instructions How to draw up a specified role are published at the Faculty Web site:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Ivana Argayová, PhD., co-guarantor, lecturer, examiner, instructor PhDr.

Martina Vitková, co-guarantor, lecturer, examiner, instructor PhDr. Ľudmila Miženkova, PhD., MPH, co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/MEKATe/22</i>	Course title: <i>Disaster medicine</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>3rd year WT emergency health care (UZSe3)</i> <i>4th year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/UMMK2e/22 - Emergency medicine 2, 6KUS/UZZS2e/22 - Emergency healthcare 2</i>	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of the student in seminars min. 90%,</i> <i>completing the final knowledge test with min. 50% success,</i> <i>practical solving model situations focussed on procedures in MCA (mass casualty accidents) and triage of the wounded, to</i> <i>successful completion of the knowledge test.</i> <i>External form of study: 26 contact hours (seminar)/semester, 2 hours (seminar)/week, non-contact education 4 hours, total demand</i> <i>on student 30 hours, combined form of education</i> Final evaluation: <i>Overall assessment is calculated as the average of assessments final knowledge test and the practical part – solving model situations</i> <i>focussed on procedures in MCA as per the following percentage scale:</i> <i>A 100.00 – 90.00 %</i> <i>B 89.99 – 80.00 %</i> <i>C 79.99 – 70.00 %</i> <i>D 69.99 – 60.00 %</i> <i>E 59.99 – 50.00 %</i> <i>FX 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the subject, students can / are able to:</i> <i>A student after familiarization with basic information has adequate levels of understanding and capabilities at declarative level:</i> <i>VV1 to demonstrate knowledge of legislation in the field of disaster medicine and bulk disability (UHPO),</i> <i>VV2 to demonstrate knowledge of complex procedures Solutions of extraordinary events and</i> <i>disasters,</i> <i>VV3 demonstrating knowledge of the management of extraordinary events with mass disabilities of persons, at all stages and at all</i> <i>levels of management,</i> <i>The student has a capability to apply knowledge in particular in the area of cognitive and practical:</i> <i>VV4 to use the procedures for UHPO,</i> <i>VV5 to use the principles of the triage and Sorting wound at UHPO,</i> <i>VV6 realize and sort wounded at UHPO.</i> <i>The student can use knowledge for professional and personality development especially in the form of:</i> <i>VV7 has competences in accordance with the Ministry of Education of the Slovak Republic</i> <i>No.151/2018 ZZ, which determines the scope of practice in some health professionals occupations as amended:</i> https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/	
Course content: <i>Brief syllabus of the subject:</i> <i>Disaster medicine and mass accidents (definition, roles and targets of disaster medicine, disaster classification, medical supplies</i> <i>and equipment during a disaster, power and resources to deal with disaster, international disaster relief)</i> <i>Legislation in addressing MCA.</i>	

IRS and its position in the medicine of disasters and mass accidents.
 Organization and management of activities at the place of incident.
 Triage of wounded. (principles of triage of wounded and retriage in mass casualties, transport of wounded)
 Medical documentation in conditions of mass casualties.
 Industrial accidents.
 Antidotes in terms of disaster medicine.
 Decontamination.
 Mass casualties in land transport, aviation, mass gatherings,
 Terrorism.
 Safety in liquidating catastrophes. (general approaches to liquidating different types of catastrophe also from the long-term perspective, prevention of the emergence of catastrophes).
 Military prehospital medicine.
 Model situations of MCA solutions.
 Types of injuries in various catastrophes:
 - Shock,
 - Thermal injuries and multiple occurrence of burns,
 - Rhabdomyolysis - acute traumatic ischemia,
 - Blast syndrome,
 - Injury to the head, chest, abdomen, extremities and polytrauma,
 - Selected infectious diseases with an impact on public health,
 - Harm from radioactive substances and ionizing radiation,
 - Injuries caused by poisonous gases and chemicals,
 - The child and catastrophes,
 - Psychotraumatology in disaster medicine.

Recommended literature :

Recommended literature:

BULÍKOVÁ, T. a kol., 2011. *Medicina katastrof*. Martin: Vydavateľstvo Osveta. 392 s. ISBN 978-80-8063-361-5.
 DOBIÁŠ, V. a kol. 2021. *Urgentná medicína prednemocničná, nemocničná pre dospelých a deti*. Martin: Vydavateľstvo Osveta, 2021, 1137 s.. ISBN 78-80-8063-499-5
 ŠIMKO, Š., J. BABÍK, 1997. *Hromadné nešťastia a medicína katastrof*. Martin: Vydavateľstvo Osveta. 243 s. ISBN 80-88824-65-6.
 ŠIN, R. a kol., 2017. *Medicina katastrof*. Praha: Galén, 352 s., ISBN 978-80-7492-295-4
 ŠTĚTINA, J. a kol., 2014. *Zdravotníctví a integrovaný záchranný systém při hromadných neštěstích a katastrofách*. Praha: Grada Publishing. 584 s. ISBN 978-80-247-4578-7.
 ŠTĚTINA, J. a kol., 2000. *Medicina katastrof a hromadných neštěstí*. Praha: Grada Publishing. 421 s. ISBN 80-7169-688-9.
 Zákon NR SR č. 579/2004 Z. z. o záchrannej zdravotnej službe a o zmene a doplnení niektorých zákonov
 Zákon NR SR č. 129/2002 Z. z. o integrovanom záchrannom systéme a o zmene a doplnení niektorých zákonov
 Zákon NR SR č. 47/2012 Z. z. o civilnej ochrane obyvateľstva a o zmene a doplnení niektorých zákonov

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation of the student in seminars min. 90%
 An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are published on the faculty's website:
<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 43

A	B	C	D	E	FX
0%	14%	37%	28%	21%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. Marek Žifčák, MPH, co-guarantor, lecturer, examiner, instructor MUDr.
 Anton Turčan, co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/MIKEHe/22</i>	Course title: <i>Microbiology, epidemiology and hygiene</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>1 hour per week, 13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation in lectures min. 90%, • individual studies (12hours), • a shorter seminar paper (5 hours). https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf <i>Final assessment:</i> <ul style="list-style-type: none"> • final written paper with a minimum score of 50%. <i>External form of study: 13 contact hours (lecture)/semester, non-contact education 17 hours/semester, total demand on student 30 hours, combined form of education</i>	
Final evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation in lectures min. 80%, • individual studies (5hours), • a shorter seminar paper (5 hours). <i>Final assessment:</i> <ul style="list-style-type: none"> • final written paper with a minimum score of 50%. <i>Overall assessment is calculated as the average of assessments of the shorter seminar paper and the final written paper as per the following percentage scale:</i> <ul style="list-style-type: none"> A - 100.00 – 90.00 % B - 89.99 – 80.00 % C - 79.99 – 70.00 % D - 69.99 – 60.00 % E - 59.99 – 50.00 % FX - 49.99 and lower % 	
Learning outcomes: <i>Results of education:</i> <i>The student, after successful completion of this subject, will be able to:</i> <ul style="list-style-type: none"> • demonstrate basic knowledge in the field of general hygiene, with focus on the health of patients and nursing staff, • apply the principle of occupational health, • apply the basic procedures of epidemiological methods of work, prevention, anti-epidemic measures, • become familiar with the problems of selected infectious diseases - threatening public health, with the possibility of epidemic and pandemic spread, under effective prophylactic measures paying particular attention to hepatitis A, B, C, • broaden knowledge base with basic knowledge of zoonosis, new infections, AIDS, • basic principles of immunization, the issue of nosocomial infections, • selected diseases from the field of tropical medicine, illnesses associated with travel activities. 	
Course content: <i>Brief syllabus of the subject:</i>	

- introduction - health, disease, factors influencing human health,
- basic hygiene principles when working with patients in the field, at the place of outbreak, epidemiological process, source of infection, diagnostics, transport, and reporting of infectious diseases,
- active search for the infected and suspected infected,
- epidemiological measures to interrupt transmission of the disease,
- vaccination in case of injuries and diseases that increase risk of infection,
- prevention of infections in medical professionals,
- decontamination, disinfection, sterilization, disinfestation, extermination,
- wound infections - tetanus, rabies (lyssa),
- zoonoses - leptospirosis, tularemia, listeriosis, anthrax,
- injury by non-sterile needles,
- SARS, avian influenza, malaria, yellow fever,
- problems of hepatitis - A, B, C and AIDS.

Recommended literature :

Recommended literature:

ÁGHOVÁ, L. a kol., 1993. Hygiena. Martin: Vydavateľstvo Osveta. ISBN 80-271-0515-9.

BÁLINT, O. a kol., 2007. Infektológia. Martin: Vydavateľstvo Osveta. ISBN 80-8063- 222- 7.

BAKOSS, P., 2005. Epidemiológia. Bratislava: UK.

GOPFERTO VÁ a kol., 1999. Mikrobiológia, imunológia, epidemiológia, hygiena. Praha: Triton. ISBN 80-7254-223-0.

ROVNÝ, I., 1995. Preventívne lekárstvo. Martin: Vydavateľstvo Osveta. ISBN 80-21-70-57-44.

ZÁHRADNICKÝ, J. a kol., 1991. Mikrobiológia a epidemiológia. Bratislava: Obzor.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation in lectures min. 80%

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 146

A	B	C	D	E	FX
34%	30%	9%	5%	1%	21%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Mgr. Jozef Pavuk, MPH, co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/NEUROe/22</i>	Course title: <i>Neurology</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year WT emergency health care (UZSe3)</i> <i>3rd year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> • <i>individual self-study (34 hours).</i> <i>Continuous assessment:</i> - <i>2 interim knowledge tests on selected topics – the student must score at least 50%.</i> <i>External form of study: 26 contact hours (lecture)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined form of education</i> <i>Final assessment:</i> - <i>final knowledge test with at least 50% success, after successfully completing the interim tests.</i> Final evaluation: <i>Overall assessment is calculated as the average of assessments for the interim tests and the final knowledge test as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <i>VV 1: Following familiar with basic information, a student has an adequate rate of understanding and abilities for the declarative level for characterization and comparison of subjective and objective symptoms of cerebrovascular diseases and assessing their seriousness</i> Skills: <i>VV 2: The student mainly has a plane of cognitive and practical competence to apply knowledge in the area of diagnosis and management of urgent states in neurology, focusing on the management of provision of pre-treatment urgent healthcare in a stroke, disorders of consciousness of various origins and convulsions.</i> Competence: <i>VV 3: The student has competences in accordance with the decree of the Ministry of Health of the Slovak Republic No.151 / 2018 Z. Z., which determines the extent of practice in some health professionals v.z.n.p.</i>	
Course content: <i>Brief syllabus of the subject:</i> • <i>basic neurological examination of the patient, examination methods in neurology,</i> • <i>craniocerebral injury - definition, incidence, morbidity, mortality, pathophysiology, clinical presentation, triage and referral of patients, management of pre-hospital emergency medical care,</i> • <i>vascular brain disease - epidemiology, clinical features, diagnostics, classification of strokes, intracerebral, subarachnoid haemorrhage, cerebral ischemia, treatment, management of pre-hospital emergency medical</i>	

care,

- headaches of various origins - primary and secondary pain, epidemiology, clinical features, diagnostics, treatment, management of pre-hospital emergency medical care,
- impaired consciousness of non-traumatic origin (hypoglycaemia, epilepsy, other convulsive conditions) - incidence, causes, clinical features, medical history, diagnostics, treatment, management of pre-hospital emergency medical care,
- injuries of the spine and spinal cord - definition, pathophysiology, clinical features, diagnostics, management of pre-hospital emergency medical care.

Recommended literature :

Recommended literature

SEIDL, Z. 2008. *Neurologie pro nelékařské zdravotnické obory*. Praha: Grada. 168 s. ISBN 978-80-247-2733-2

KAŇOVSKÝ, P., BÁRTKOVÁ, A. 2020. *Speciální neurologie*. Olomouc: Univerzita Palackého v Olomouci. 880 s. ISBN 9788024456119.

MUMENTHALER, M., MATTLE, H. 2001. *Neurologie*. Praha: Grada. 649 s. ISBN 80-7169-545-9.

SEIDL Z., OBENBERGER, J., 2004 . *Neurologie pro studium i praxi*. Praha: Grada Publishing.

SLEZÁKOVÁ, Z. a kol., 2002. *Neurologické ošetrovatelstvo*. Martin: Osveta. 146 s. ISBN 80800631069.

ŠANTA M., KLÍMOVÁ E. a kol., 2007. *Neurológia a neurologické ošetrovatelstvo*. Prešov: FZ PU. 212 s. ISBN 978-80-8068-578-2.

ŠTEŇO, J., 2010. *Neurochirurgia*, s. 5-298. In: HARUŠTIK, S., ed. *Princípy chirurgie. II*. Bratislava: SAP, 2010. 848 s. ISBN 978-80-8095-053-8.

ŠTEŇO, J., 2001. *Neurochirurgia*, S. 3 - 40. In: OHRÁDKA, B. a kol. *Špeciálna chirurgia I. 2. preprac. vyd.* Bratislava: Univerzita Komenského, 2001. 201s. ISBN 80-223-1620-2.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: Compulsory attendance of the student at lectures min. 80%.

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 65

A	B	C	D	E	FX
3%	11%	38%	29%	17%	2%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor doc. MUDr. Eleonóra Klímová, CSc., univer. prof., co-guarantor, lecturer, examiner

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/OBUZSe/22</i>	Course title: <i>Defence of final dissertation</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>180 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>6</i>	
Recommended semester: <i>3rd year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Conditions for completing the subject:</i> - <i>170 credits gained for study,</i> - <i>bachelor's dissertation accepted for defence.</i> <i>External form of study: non-contact education 180 hours/semester, total demand on student 180 hours, combined form of education</i>	
Final evaluation: <i>Overall assessment of the state exam is calculated from the average marks from the evaluation (quality of presentation of the bachelor's dissertation), opponent's assessment, supervisor's assessment and the professional debate (questions from the opponent, commission, any guests) on the bachelor's work according to the following scale:</i> <i>A 1.00 – 1.24</i> <i>B 1.25 – 1.74</i> <i>C 1.75 – 2.24</i> <i>D 2.25 – 2.74</i> <i>E 2.75 – 3.00</i> <i>FX 3.01 – and higher</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <i>VV 1: Following familiar with basic information, a student has an adequate rate of understanding and abilities for the declarative level for presentation of the defense of bachelor thesis in accordance with the current directive of the Rector of University of Prešov to the final work</i> <i>(http://www.pulib.sk/web/data/pulib/subory/stranka/ezp-smernica2019.pdf)</i> Skills: <i>VV 2: The student mainly has a plane of cognitive and practical competence to apply knowledge in the area of identification and justification for key outputs of the final thesis.</i> Competence: <i>VV 3: The student has competences in accordance with the decree of the Ministry of Health of the Slovak Republic No.151 / 2018 Z. Z., which determines the extent of practice in some health professionals v.z.n.p.</i>	
Course content: <i>Brief syllabus of the subject:</i> <i>introduction the author of the bachelor's dissertation,</i> <i>self-presentation of the bachelor's dissertation (author of the bachelor's dissertation gives the basic thesis of the paper with an explanation of the choice of topic, outlining the aim of the dissertation, the main assumptions, methodological and methodical aspects of the work, significant achievements, benefits of the work and suggestions for practice),</i> <i>reading opponent's assessment and supervisor's assessment,</i> <i>professional discussion - a debate on the work (questions from the opponent, commission, any guests),</i> <i>the results of the defence are agreed by vote of the commission in a non-public part of the meeting.</i>	

Recommended literature :

Recommended literature: as per the chosen topic of the bachelor's dissertation.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 44

A	B	C	D	E	FX
41%	25%	18%	2%	5%	9%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor, co-guarantor, lecturer, examiner PhDr. Ludmila Miženková, PhD., MPH, co-guarantor, lecturer, examiner Ing. Bc. Vladimír Hosa, MPH, co-guarantor, lecturer, examiner MUDr. Lubomíra Romanová, PhD., co-guarantor, lecturer, examiner PhDr. Martina Vitková, co-guarantor, lecturer, examiner PhDr. Ivana Argayová, PhD., co-guarantor, lecturer, examiner prof. MUDr. Ján Kmec, co-guarantor, lecturer, examiner doc. MUDr. Ivan Minčík, PhD., co-guarantor, lecturer, examiner

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/OSTUSE/22</i>	Course title: <i>Nursing techniques</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>6 hour per week, 78 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>4</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Manner of completing the subject: examination (S)</i> <i>Assessment criteria</i> <ul style="list-style-type: none"> • compulsory 90% active participation in seminars (10% with documented illness), • a shorter seminar paper (5 hours), https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf • producing a visual presentation in PowerPoint (10 hours). • selfstudy (27 hours) <i>Continuous assessment</i> <ul style="list-style-type: none"> • successful completion of interim tests – with at least a grade of E, otherwise the student may not take the test at the normal time, • continuous practical training (the student must have successfully complete 70% of all (continuous training with a grade of at least E or may not take the test at the normal time. • writing a seminar paper as per the assignment, • during the semester the student produces a visual presentation in Microsoft PowerPoint of 12 to 14 slides – of a compilational character and verbally presents it at the seminar. <i>Final assessment:</i> <ul style="list-style-type: none"> • submitting the prepared seminar paper as per the assignment, • presentation of the visual presentation as per the assignment, • successfully completing the final knowledge test in connection with the subject syllabus for the given semester, • practical testing of professional work activities in relation to defined nosological entities in the subject syllabus. <i>External form of study: 78 contact hours (seminar)/semester, non-contact education 42 hours/semester, total demand on student 120 hours, combined form of education</i>	
Final evaluation: <i>Overall assessment of the student is calculated as the average of assessments for the seminar work, visual presentation, knowledge test and practical testing of skills as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the subject, students can / are able to:</i> <i>A student after familiarization with basic information has an adequate level of understanding and capabilities at declarative level:</i> <i>VV1 providing and providing professional nursing care,</i> <i>VV2 compliance with Asepsy and Antisepsy principles for nursing performance,</i> <i>VV3 use of dressing and immobilization technology,</i>	

The student has a capability to apply knowledge mainly in the area of cognitive and practical:

VV4 to monitor the vital functions of the patient,

VV5 to remove biological material for examination,

VV6 to be administered and assisted in administering medicines,

VV7 to realize nursing techniques and procedures on basic clinical workplaces.

The student can use the knowledge for professional and personality development, especially in the form of:

VV8 has competences in accordance with the Ministry of Education No.151/2018 Z.Z.,

determining the scope of practice in some health professions, as amended:

<https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/>

Course content:

Brief syllabus of the subject:

bandaging technique - types of bandaging material, principles and techniques of bandaging,

immobilization techniques,

monitoring, recording physiological functions - state of consciousness, body temperature, breathing, pulse, blood pressure,

physical examination - comprehensive examination - height, weight, diet, type of build, positioning, ability for movement and speech, medical history

Care for Nutrition II. - The introduction of a gastric tube, gastric lavage, enteral feeding,

Care for Emptying II. - catheterization of women, assistance with catheterization of men,

nephrostomy, stoma, enema,

Application of medicines by route - airways, injections, topical application of drugs, intraosseous access,

taking of biological material - blood, urine, stool, sputum, gastric contents,

infusion and transfusion - preparation of infusion, assistance with the administration of the infusion solution, instrumentation

technology, transfusion preparations, compatibility testing, assistance in administering transfusion medicine,

care for child patients - admission to the department, administering medicines, samples of biological material, care for hygiene,

nutrition and the child's bed,

decontamination procedures - disinfection, sterilization, care for aids, care for the ambulance,

Care for Nutrition I. - dietary regimen, serving meals,

Care for Emptying I. - emptying urine, stool, care for incontinent patients,

care for hygiene - mobile and immobile patient, patient positioning,

admission, transfer, discharge, care for the dead body.

Recommended literature :

Odporičaná literatúra:

ARGAYOVÁ, I. a kol 2019 Ošetrovateľské techniky a postupy pre zdravotníckych záchranárov. Prešov: Vydavateľstvo PU v Prešove.

DOBIÁŠ, V. a kol., 2012. Prednemocničná urgentná medicína. Martin: Osveta. ISBN 978-80-8063-387-5.

KRČMÉRYOVÁ, T. a kol. 2012. Techniky ošetrovateľstva. Bratislava : SZU.

ISBN 978-80-89352-60-9.

NEJEDLÁ, M., 2005. Fyzikální vyšetření pro sestry. Praha : Grada. ISBN 978-80-247-1150-8 OSACKÁ, P. a kol. 2007.

Ošetrovateľské techniky a postupy. Martin: UK. ISBN 978-80-88866-48-0.

PÁRAL, J. 2008. Malý atlas obvažových technik. Praha : Grada Publishing. ISBN 978- 80-247-2255-9.

VYTEJČKOVÁ, R. a kol. 2015.Ošetrovateľské postupy péče o nemocné I,II,III. Praha:Grada ISBN978-80-247-3421-7

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory 90% active participation in seminars (10% with documented illness)

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are published on the faculty's website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 168

A	B	C	D	E	FX
26%	21%	19%	5%	2%	27%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Ľudmila Miženková, PhD., MPH, co-guarantor, lecturer, examiner, instructor

PhDr. Ivana Argayová, PhD., co-guarantor, lecturer, examiner, instructor

Date of last change: <i>01.09.2022</i>
Approved by: <i>doc. MUDr. Roman Zazula, Ph.D.</i>

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/OSZZSe/22</i>	Course title: <i>EMS Operations Centre</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture, Practical seminar</i> Scope of educational activity: <i>1,60 hour per week, 13,780 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>3</i>	
Recommended semester: <i>3rd year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> - compulsory attendance of the student at lectures min. 80%, participation of the student in exercises 100%, - a shorter seminar paper (student preparation = 5 hours), - individual self-study (12 hours), - final knowledge test with a minimum of 50% success. <i>External form of study: 13 contact hours (lecture)/semester, 60 hours (exercise)/semester, non-contact education 17 hours/semester, total demand on student 90 hours, combined method of education</i> Final evaluation: <i>Overall assessment is the result of the joint assessment of both parts and is calculated from the average of partial assessments, results of the seminar paper, final test, simulated admission and producing a call on the emergency number and oral response as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>By completing the course, the student acquires theoretical and practical knowledge about the organization of emergency medical services in the Slovak Republic, the origin, division, functionality and main tasks of the emergency medical service operating center in providing emergency medical services (emergency services) in normal conditions as well as in emergency situations and events. They will get acquainted with the types of EMS ambulance crews, their designation, distribution in the network of EMS stations and ambulances. At the same time, it absorbs and synthesizes the basics of management and coordination of emergency medical ambulance crews in the field of emergency activities, principles of emergency communication (LTV), principles of telephone support of basic life functions as well as basic psychological aspects of communication with the caller.</i> <i>Students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student has to demonstrate theoretical and practical skills at the declarative level to perform at the emergency room during the LTV call.</i> Skills: <i>VV2 The student has, especially at the level of cognitive and practical ability to apply knowledge in the field of dealing with the intervention of the emergency response crew, the reception and implementation of emergency response.</i> Competences: <i>VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain medical professions</i>	

Course content:

Brief syllabus of the subject:

- a) *History of emergency medical services in the Slovak Republic.*
- b) *Providers of emergency medical services. Organization of emergency medical services, types and equipment of ambulances of emergency medical services.*
- c) *The status of Slovak EMS operations centre in the system of urgent medical care: creation, establishment, structure and workplaces of the EMS operations centre.*
- d) *Basic legislation governing the functioning of the operations centre of emergency medical services in the Slovak Republic.*
- e) *The roles of the operator and dispatcher during normal operation and in emergency situations and events.*
- f) *Receiving, processing and implementation of the response to emergency calls made to 155 telephone assistance in an emergency, telephone direction of support for basic vital functions, providing positive and negative instructions,*
- g) *Recognising the warning signs of threats to vital functions when receiving an emergency call,*
- h) *Communication support and resources used in the work of the operator at the EMS operations centre.*
- i) *The principles of communication on the emergency line (persuasive communication, assertiveness, and communication ethics).*
- j) *Priority of urgent conditions, classification status of urgency of the event (the highest urgency - critical condition, the lowest urgency – non-urgent condition),*
- k) *Managing calls by type of caller (tendencies towards manipulation, aggression, conflict, suicide ...).*
- l) *System of mutual communication in accidents with mass casualties.*
- m) *First hour quintet and directing people into urgent medical care with selected health disorders.*
- n) *Scoring system used in the decision-making process by the emergency line operator.*
- o) *Principles of coordination of activities of rescue units in the IRS,*
- p) *Management and coordination of EMS ambulances in cooperation with the components of the Integrated Rescue System in accidents with mass casualties.*

Recommended literature :

Recommended literature:

- BULÍKOVÁ, T. et al., 2011. *Medicína katastrof*. Martin: Vydavateľstvo Osveta. 392 s. ISBN 978-80-8063-361-5.
- BYDŽOVSKÝ, J., 2008. *Akútne stavy v kontextu*. Praha: Triton, 2008, 456 s. ISBN 978- 80-725-4815-6.
- DOBIÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740 s. ISBN 978-80-8063-387-5.
- FRANĚK, O., 2010 *Manuál dispečera zdravotníckeho operačného strediska* Brno: Computer press a. s. 2010. 230 s. ISBN 978-80-254-5910-2.
- DAŠKOVÁ, M. – VARJASSYOVÁ, K. a kol., 2012. *Špecifiká komunikácie na linke tiesňového volania*. Bratislava: Herba spol. s r. o., 2012. 124 s. ISBN 978-80-89171-98-9.
- Nariadenie Ministerstva vnútra Slovenskej republiky o ambulanciách Hasičského a záchranného zboru
- Nariadenie vlády SR 296/2010 z 9.6.2010 o odbornej spôsobilosti na výkon zdravotníckeho povolania
- MARINELLA, A. M., 2007. *Často prehľadnuté diagnózy v akútnej peči*. Praha: Grada publishing. 137 s. ISBN 978-80-247-1735-7.
- Metodický pokyn, ktorým sa ustanovuje systém vzájomnej komunikácie pri riešení následkov udalosti s hromadným postihnutím osôb v rezorte zdravotníctva zo dňa 14. 3. 2012 Číslo: Z08299-2012-OKM
- POKORNÝ, J. a kol., 2010. *Lékařská první pomoc*. 2. vyd. Praha: Galén. 474 s. ISBN 978-80-7262-322-8.
- ŠTĚTINA, J. a kol., 2014. *Zdravotnictví a integrovaný záchranný systém při hromadných neštěstích a katastrofách*. Praha: Grada Publishing. 584 s. ISBN 978-80-247-4578-7.
- Výnos MZ SR z 11. marca 2009 č. 10548/2009-OL, ktorým sa ustanovujú podrobnosti o záchrannej zdravotnej službe
- Výnos z 9.7.2010, ktorým sa mení a dopĺňa výnos z 11.3. 2009, ktorým sa ustanovujú podrobnosti o ZZS
- Výnos MZ SR z 23.3.2010, ktorým sa dopĺňa výnos z 11.3.2009, ktorým sa ustanovujú sídla staníc ZZS
- Zákon č. 579/ 2004 Z. z. o záchrannej zdravotnej službe a o zmene a doplnení niektorých zákonov
- Zákon č. 41/2013 Z. z., ktorým sa mení a dopĺňa zákon č. 578/2004 Z. z. o poskytovateľoch zdravotnej starostlivosti, zdravotníckych pracovníkov, stavovských organizáciách v zdravotníctve
- Zákon č. 544/2002 Z. z. o Horskej záchrannej službe
- Zákon NR SR č. 576/2004 Z. z. o zdravotnej starostlivosti, službách súvisiacich s poskytovaním zdravotnej starostlivosti a o zmene a doplnení niektorých zákonov
- Zákon č. 581/2004 Z. z. o zdravotných poisťovniach, dohľade nad zdravotnou starostlivosťou a o zmene a doplnení niektorých zákonov
- Zákon č. 129/2002 Z.z. Zákon o integrovanom záchrannom systéme
- Odborné usmernenie, ktorým sa upravuje neodkladná preprava osôb ambulanciami záchranných zdravotných služieb Číslo: 18208/2006-OZS zo dňa: 20. júna 2006

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory attendance of the student at lectures min. 80% and in exercises 100%.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 65

A	B	C	D	E	FX
51%	17%	17%	9%	3%	3%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor MUDr. Kamila Bořanovská, co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PATFYZe/22</i>	Course title: <i>Pathophysiology</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/ANFYZe/22 - Anatomy and physiology</i>	
Conditions for passing the course: Form of assessment: <i>ANFYZ – Anatomy and Physiology</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of student in lectures min. 80%,</i> <i>continuous testing in selected topics - max. 100 points, the score of the student must be at least 50%,</i> <i>individual studies (34 hours).</i> <i>External form of study: 26 contact hours (lecture)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined form of education</i>	
Final evaluation: <i>Overall assessment is calculated as the average of assessments of successfully completed interim tests and oral response as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the subject, students can / are able to:</i> <i>A student after familiarization with basic information has an adequate level of understanding and capabilities at the declarative level:</i> <i>VV1 Characterization of Pathophysiology of Basic Pathophysiological Changes in Disease Processes in the Organism,</i> <i>VV2 Defining Tumor Pathophysiology,</i> <i>VV3 describing the pathophysiology of the cardiovascular system,</i> <i>The student has a competence to apply knowledge especially in the area of cognitive and practical:</i> <i>VV4 realize performance related to pathophysiologies of disease processes in the body,</i> <i>VV5 to apply knowledge in the practical area of the subject,</i> <i>The student can use knowledge for professional and personality development especially in the form of:</i> <i>VV6 has competencies in accordance with By Decree of the Slovak Republic No.151 / 2018</i> <i>ZZ, which determines the extent of practice in some health professions, as amended:</i> https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> <i>• Pathophysiology of blood and haematopoietic tissue (physiological functions in blood and haematopoietic tissue, haematopoietic tissue, disorders of blood and haematopoietic tissue, leucopenia, leukocytosis, and granulocyte function disorders, pathophysiology of the spleen, pathophysiological aspects of blood transfusion and blood derivatives, the pathophysiological aspects of bone marrow, haemostasis).</i> <i>• Pathophysiology of tumours (tumour growth).</i> <i>• Basic characteristics of the immune system (cellular immunity, humoral immunity, innate immunity, specific immunity, pathophysiology of inflammation, immunopathology reactions, rejection).</i> 	

- *Physiology and pathophysiology of the cardiovascular system (pathophysiology of shock, hypertension, heart failure, heart rhythm disorders, process of atherosclerosis and atherothrombosis, cardiomyopathy, inflammatory heart disease, pulmonary embolism and pulmonary arterial hypertension. Pathophysiology of vein thrombosis).*
- *Pathophysiology of the respiratory system (physiological functions of the respiratory organs, respiratory distress syndromes, disorders of alveolar-capillary membrane, perfusion of the lungs, changes of respiratory mechanics in pathological conditions, the aetiology and the pathogenesis of diseases of the respiratory system).*
- *Pathophysiology of the kidneys and urine production, bladder outlet obstruction (physiological impairment, pathophysiology of renal failure, aetiology and pathogenesis of renal disease leading to renal insufficiency, disorders of endocrine functions of the kidney, urinary tract dysfunction).*
- *Pathophysiology of the digestion apparatus (direction of the functions of the digestive system, the pathophysiology of the mouth, oesophagus, stomach, secretory disorders of the outer portion of the pancreas. Pathophysiology of the duodenum and small intestine, colon disorders, pathophysiology of the liver, pathophysiology of the bile duct).*
- *Pathophysiology of the endocrine system (physiology of the endocrine system, diagnostics of endocrine disorders based on the determination of hormone levels. Pathophysiology of the hypothalamus and pituitary, thyroid, parathyroid, adrenal cortex, adrenal medulla, endocrine function of the pancreas, reproductive system).*
- *Pathophysiology of the nervous system (basic functions of the nervous system, pathophysiology of disorders of the nervous system and special senses).*
- *Nutritional disorders (causes of malnutrition, aetiopathogenesis of obesity).*

Recommended literature :

Recommended literature:

HULÍN, I., 2009. Patofyziológia. 7. vyd. Bratislava : Slovak Academic Press. 1288 s., ISBN 978 -80-809-5043-9.

HULÍN, I. et al., 2005. Patofyziológia a klinická fyziológia. Bratislava: Slovak Academic Press. 393 s. ISBN 80- 891- 0466- 5.

NEČAS, E. et al., 2009. Patologická fyziológia orgánových systémů I. Praha: Karolinum. 379 s. ISBN 978 – 802- 4617- 11- 4.

NEČAS, E., et al., 2007. Patologická fyziologie orgánových systémů II. Praha: Karolinum. 296 s. ISBN 978 - 800- 2461- 712- 1.

PLANK, L., HANÁČEK, J. et al., 2007. Patologická anatomia a patologická fyziológia. Martin: Osveta. 285 s. ISBN 80- 806- 3241- 0.

SILBERNAGL S., LANG F., 2001. Atlas patofyziologie člověka. Praha: Grada Publishing. 390 s. ISBN 80 – 716- 9968-3.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes:

Compulsory participation in lectures min. 90%

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are published on the faculty's website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 151

A	B	C	D	E	FX
9%	21%	18%	20%	9%	24%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor MUDr. JUDr. Peter Firment, lecturer, examiner, instructor, seminary supervisor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PEDIAe/22</i>	Course title: <i>Paediatrics and Neonatology</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture, Seminar</i> Scope of educational activity: <i>1,1 hour per week, 13,13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <i>Lecture</i> <ul style="list-style-type: none"> • compulsory participation of student in education min. 90%, • written test, the score of the student must be at least 50%, • individual self-study (14 hours). <i>Seminar:</i> <ul style="list-style-type: none"> • participation of student in education min. 90%, • interim test on selected topics, the score of the student must be at least 50%, • individual self-study (20 hours). <i>Final assessment:</i> <ul style="list-style-type: none"> • final knowledge test with a minimum of 50% success. <i>External form of study: 13 contact hours (lecture)/semester, 13 hours (seminar) /semester, non-contact education 34 hours/semester, total demand on student 60 hours combined form of education</i>	
Final evaluation: <i>Overall assessment is calculated on the basis of the average assessed results of the written test, the interim test and the final knowledge test as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the subject, students can / are able to:</i> <i>a student after acquaintance with basic information has an adequate level of understanding and capabilities at the declarative level:</i> <i>VV1 demonstrating basic knowledge of childhood physiological distinctures,</i> <i>VV2 demonstrating knowledge relating to the specific assessment of the child's health in different age periods,</i> <i>VV3 analyzing the relationship between acute pathological situations in pediatrics and their causes,</i> <i>The student has a capability to apply knowledge in particular in the area of cognitive and practical:</i> <i>VV4 to know the procedures and interventions in selected acute positions in Pediatrics,</i> <i>VV5 demonstrate the correct resuscitation procedure of the newborn, child and know Concept of Neonatology Department and Knowing the Cooperation and the Follow-up of Nonatological and Other Workplaces in Concerning with Transport Teams of Perinatological Centers and Fast Medical Assistance,</i> <i>VV6 to demonstrate knowledge of fetal development, its risks, specific The ICK diseases of the new year's period, innate development errors,</i> <i>The student can use the knowledge for professional and personal development, especially in the form of:</i> <i>VV7 has competencies in accordance with the Ministry of Education No.151/2018 ZZ by which it determines</i>	

the scope of practice in some health professions, as amended Regulations:
<https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/>

Course content:

Brief syllabus of the subject:

- Growth and development of the child.
- Nutrition in connection with disorders, specifics in different age periods.
- Acute respiratory disorders.
- Acute circulatory disorders.
- Acute endocrine disorders, diabetes mellitus I.
- Acute disorders of the digestive system, dehydration.
- Acute CNS disorders, convulsions.
- Acute conditions with the blood system, bleeding.
- Acute conditions in the urogenital system, uraemia.
- Sudden conditions and syndromes in childhood.
- Infectious diseases, intoxication, child cruelty.
- Neonatology and Perinatology - concept of healthcare in neonatology and perinatology (centralization, level of care, organization of newborn care in individual wards, transport system, clinic for children with perinatal risk) project of baby hatches, and the Baby Friendly Hospital Initiative (BFHI) / Mother and Baby Friendly Hospital Initiative (MBFHI).
- Neonatology and Perinatology (field) Classification of newborns, first examination of newborn.
- Physiological newborn (equipment of neonatal corner by (or in) the delivery room, the mobile unit, first treatment of the newborn, postpartum adaptation, rooming-in, screening examination of newborns).
- Pathological newborn (most frequent pathological and life threatening conditions in the perinatal and late neonatal period, immaturity, early asphyxial syndrome, childbirth trauma, congenital developmental defects, infections).
- Thermal management after birth and in newborns with low birth weight. Practical procedure for a whole-room controlled hypothermia at HIE.
- Transport of the newborn, monitoring and securing vital functions during transport of premature newborns, newborns on artificial lung ventilation, handling of T-resuscitator - video, breathing bag). Care for newborn mothers with suspected infection or with confirmed Covid-19 infection.
- Care for the newborn with vein catheters, specifics of care for newborns with congenital developmental defects.
- Resuscitation of newborns (indications, principles, indirect heart massage, ventilation by bag, mask and through an endotracheal cannula, drugs administered during resuscitation, resuscitation training for mature and premature newborns, newborns with congenital defects requiring a special procedure.

Recommended literature :

Recommended literature:

DEMOVÁ K., BAUER, K., BÍLIKOVÁ, N. DOLNÍKOVÁ, D., CHOVANCOVÁ, D., KOVÁCSOVÁ, M., KRALOVIČ, L., KRCHO, P., MAGYAROVÁ, G., MAŤAŠOVÁ, K., NIKOLINOVÁ, J., ZIBOLEN, M. *Národný neonatologický resuscitačný program – 2015.* FENDRYCHOVÁ, J. 2013. *Hodnotící metodiky v neonatologii. 2. V.* Brno: NCO NZO, 2013. 112s. ISBN 978-80-7013-560-0.

FENDRYCHOVÁ, J., BOREK, I. et al. 2012. *Intenzivní péče o novorozence.* Brno: NCO NZO, 2012. 447s. ISBN 9788070135471.

KOVÁCS, L. a spol. 2010. *Pediatrica.* Bratislava: Arete. ISBN 978-80-970624-0-8.

MIXA, V. a kol. 2017. *Dětská přednemocniční a urgentní péče.* Praha: Mladá fronta. ISBN 978 80 204 4643 5.

MZ SR. 2020. *ŠDTP - Štandardný postup na výkon prevencie: Starostlivosť o matku a novorodenca podľa zásad Baby-friendly Hospital Initiative (BFHI) – podpora vzťahovej väzby a laktácie.*

STRAŇÁK, Z. JANOTA, J. 2015. *Neonatalogie.* Praha : Mladá fronta, Edice Aeskulap, 2015. 640s. ISBN:978-80-204-3861-4.

WHO, UNICEF. 2020. *Protecting, promoting and supporting breastfeeding: the Baby-friendly Hospital Initiative for small, sick and preterm newborns.* World Health Organization and the United Nations Children's Fund (UNICEF), 2020. ISBN 978-92-4-000564-8 (electronic version).

ZIBOLEN, M., MAŤAŠOVÁ, K. 2020. *Starostlivosť o novorodenca matky s podozrením na infekciu alebo s potvrdenou infekciou COVID-19.* MZSR. <http://slovenskaneonatologia.sk>.

Language which is necessary to complete the course: Slovak

Notes:

*Notes: Compulsory attendance of the student at lectures min. 90%, participation of students in seminars at least 90%
An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are published on the faculty's website:*

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 91

A	B	C	D	E	FX
13%	56%	11%	8%	3%	9%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor doc. MUDr. Vladimír Mixa, Ph.D., co-guarantor, lecturer, examiner, instructor PhDr. Mgr. Vlasta Baňasová, PhD., co-guarantor, lecturer, examiner, instructor Ing. Bc. MSc. Danko Boguská, PhD., co-guarantor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PPZA1e/22</i>	Course title: <i>Fitness training for rescuers I</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>compulsory participation of student in seminars min. 80%,</i> • <i>test of general physical performance:</i> <ul style="list-style-type: none"> - <i>Beep test,</i> - <i>Comprehensive motor test,</i> - <i>Standing long jump,</i> - <i>Sit-ups,</i> • <i>seminar paper - preparing a training unit, https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf</i> <i>External form of study: 26 contact hours (seminar)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined method of education</i> Final evaluation: <i>Overall assessment is calculated on the basis of the average of partial assessments - testing of general physical performance and seminar work as per the following percentage scale:</i> <ul style="list-style-type: none"> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i> 	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <ul style="list-style-type: none"> <i>VV1 evaluation of physical performance and mastering the possibility of preparing your own training plans for developing and maintaining physical performance.</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <ul style="list-style-type: none"> <i>VV2 to develop coordination-intensive motion coupling activities.</i> <i>VV3 run endurance shuttle run.</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <ul style="list-style-type: none"> <i>VV4 demonstrates developing strength skills.</i> <i>VV5 demonstrates the ability to design alternatives to physical training.</i> 	
Course content: <i>Brief syllabus of the subject:</i> <i>Students acquire the actual format of a sporting training with content focus on:</i> <ul style="list-style-type: none"> • <i>gymnastics,</i> 	

- *athletics,*
- *functional training,*
- *strength training,*
- *compensatory exercises,*
- *sports games (football, basketball).*

Recommended literature :

Recommended literature:

CLARKOVÁ, N., 2000. *Sportovní výživa*. Praha: Grada Publishing. 266 s. ISBN 80-247-9047-5.

DELAVIER, F., 2001. *Strength Training Anatomy*. : Champaign, IL: Human Kinetics. 124 p. ISBN 0-7360-4185-0.

DOVALIL, J. et al., 2005. *Výkon a trénink ve sportu*. Praha: Olympia. 331 s. ISBN 80-7033-928-4.

NELSON, G. A., KOKKONEN, J., 2009. *Strečink na anatomických základech*. Praha: Grada Publishing, a.s. 143 s. ISBN 247-80-247-2784-4.

SKOLNIK, H., CHERNUS, A., 2011. *Výživa pro maximální sportovní výkon*. Praha: Grada Publishing, a.s. 240 s. ISBN 978-80-247-3847-5.

STOPPANI, J. 2008. *Velká kniha posilování*. Praha: Grada Publishing, a.s. 440 s. ISBN 978-80-247-2204-7.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of student in seminars min. 80%. For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: *164*

A	B	C	D	E	FX
20%	27%	11%	10%	10%	22%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Mgr. Peter Kačúr, PhD., univer. docent, co-guarantor, lecturer, examiner, instructor

Date of last change: *31.08.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PPZA2e/22</i>	Course title: <i>Fitness training for rescuers 2</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in seminars min. 90%, • tests of general fitness base, • individual studies (34 hours). <i>External form of study: 26 contact hours(seminar)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined method of education</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • fulfils the required condition level. Final evaluation: <i>Overall assessment is calculated from the average of partial assessments - fulfilling the required condition level as per the following percentage scale:</i> <ul style="list-style-type: none"> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i> 	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <i>VV1 explaining a positive approach to caring for your active health.</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV2 to apply habits to targeted, appropriate physical activity that will ensure adequate physical fitness of the paramedic.</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <i>VV3 demonstrates the ability to create your own aerobic exercise program.</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • movement games, • sports games, • development of fitness ability, • development of endurance abilities, • development of strength abilities, • development of coordination skills, 	

- aerobic program for active health.

Recommended literature :

Recommended literature:

BELEJ, M. 2001. *Motorické učenie*. Prešov: Fakulta humanitných a prírodných vied PU v Prešove. 197 s. ISBN 80-8068-041-8.
 COOPER, K., 1986. *Aerobický program pre aktívne zdravie*. Bratislava: Šport, slovenské telovýchovné vydavateľstvo.
 HRČKA, J., 2000. *Šport pre všetkých. Tvorba športovo-rekreačných programov*. Prešov: ManaCon. ISBN 80-85668-97-1.
 JUNGER, J. - ZUSKOVÁ, K., 1998. *Pohybové programy pre všetkých*. Prešov: FHPV PU. ISBN 80-88885-32-9.
 OLŠÁK, S., 1997. *Srdce, zdravie, šport. Raval*. ISBN 80-967850-8-7.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of student in seminars min. 90%.

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 153

A	B	C	D	E	FX
27%	37%	12%	1%	0%	23%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Mgr. Peter Kačúr, PhD., univer. docent, co-guarantor, lecturer, examiner, instructor

Date of last change: 31.08.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PPZA3e/22</i>	Course title: <i>Fitness training for rescuers 3</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in seminars min. 90%, • performance test lasting 12 minutes, • individual self-study (34 hours). <i>External form of study: 26 contact hours (seminar) /semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined method of education.</i> Final evaluation: <i>Final assessment:</i> <ul style="list-style-type: none"> • fulfilling the required swimming performance, final performance test lasting 12 minutes. <i>Overall assessment is calculated on the basis of the average of partial assessments of the performance test and the final performance test using the following grading scale:</i> <i>A - 460 m and ></i> <i>B - 450m – 400m</i> <i>C - 350m – 390m</i> <i>D - 340m – 300m</i> <i>E - 290m – 250m</i> <i>FX 249 m</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <i>VV1 explanation of improving swimming training.</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV2 apply swimming practice.</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <i>VV3 demonstration of the ability and skill of basic swimming techniques.</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • Training to improve swimming. • Training of strokes: breast, crawl, backstroke. • Improving the starting dive and diving. • Turns, swimming underwater. • Developing general the swimming stamina. 	

Recommended literature :

Recommended literature:

BARAN, I., 2006. *Záchrana topiaceho. Slovenský Červený kríž, Bratislava. 158 s.*

ISBN 80-88973-20-1.

LAURENCOVÁ, S.a kol., 1991. *Kniha plavca záchrancu, Bratislava: Remedium. 158 s.*ISBN 80 – 85352-00-1, 158 s.

RUŽBARSKÝ, P.,TUREK, M., 2004. *Teória a didaktika plávania a základy športového tréningu. Prešov: PU –SVSTVS. 130 s. ISBN 80 – 8068-177-5.*

RUŽBARSKÝ, P., MATÚŠ, I., 2017. *Technická a kondičná príprava v plávaní. Prešov: Vydavateľstvo Prešovskej univerzity. 249 s. ISBN 9788055519784.*

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of student in seminars min. 90%.

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 93

A	B	C	D	E	FX
40%	13%	19%	17%	3%	8%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PaedDr. Ľubomír Paučír, PhD., co-guarantor, lecturer, examiner, instructor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PPZA4e/22</i>	Course title: <i>Fitness training for rescuers 4</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/PPZA3e/22 - Fitness training for rescuers 3</i>	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>compulsory participation of student in seminars min. 90%,</i> • <i>fulfilling the required swimming performance,</i> • <i>individual self-study (34 hours).</i> <i>External form of study: 26 contact hours (seminar)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined method of education</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • <i>100 m position races (25 m crawl, 25 m breaststroke, 25 m swimming on the side with weights, 25 m swimming in any way)</i> • <i>demonstration of the rescue of the drowning person by personal intervention without the use of rescue aids</i> Final evaluation: <i>Overall assessment is calculated on the basis of the average of partial assessments – fulfilling the required swimming performance and and position races according to the following scale:</i> <i>Men: A 2:00,0; B 2:30,0; C 3:00,0; D 3:30,0; E 4:00,0; FX 4:30,1</i> <i>Women: A 2:15,0; B 2:45,0; C 3:15,0; D 3:45,0; E 4:15,0; FX 4:45,1</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <i>VV1 description and explanation of drowning rescue.</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV2 apply used swimming to save the drowning person.</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <i>VV3 demonstration of general endurance in swimming, special skills and knowledge of rescuing drowning.</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • <i>The improvement of stroke - breast, crawl, backstroke.</i> • <i>Used swimming (swimming on the side, co-sign, pedaling, swimming underwater).</i> • <i>Help a tired swimmer.</i> • <i>Rescue the heater by personal intervention without the use of rescue aids.</i> • <i>Rescue of the heater by personal intervention using rescue aids.</i> • <i>Development of general swimming endurance.</i> • <i>Jumps into water.</i> 	

Recommended literature :

Recommended literature:

BARAN, I., 2006. Záchrana topiaceho. Bratislava: Slovenský Červený kríž, 158 s.

ISBN 80-88973-20-1.

LAURENCOVÁ, S. a kol., 1991. Kniha plavca záchrancu. Bratislava: Remedium. 158 s. ISBN 80-85352-00 -1.

RUŽBARSKÝ, P., TUREK, M., 2003. Teória a didaktika plávania a základy športového tréningu. Prešov: PU – SVSTVS. 130 s. ISBN 80-8068-77-5.

SÝKORA, K. a kol. 2017. K teorii vojenského plávání. Univerzita Karlova. 172 s. ISBN 978-80-246-3652-8 (pdf).

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of student in seminars min. 90%.

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 90

A	B	C	D	E	FX
38%	14%	24%	12%	4%	7%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PaedDr. Ľubomír Paučír, PhD., co-guarantor, lecturer, examiner, instructor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PPZA5e/22</i>	Course title: <i>Fitness training for rescuers 5</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>3rd year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Manner of completing the subject: continuous assessment (PH)</i> <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>compulsory participation of student in direct education min. 90%,</i> • <i>individual studies (34 hours).</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • <i>fulfilling the required technical and tactical level.</i> <i>External form of study: 26 contact hours (exercises)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined method of education</i> Final evaluation: <i>Overall assessment is calculated from the average of partial assessments - fulfilling the required technical and tactical level as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <i>VV1 description and explanation of basic techniques of self-defense.</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV2 apply combat and combat techniques.</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <i>VV3 demonstration of mastery of basic techniques of self-defense.</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • <i>preparatory combatives - basic combatives / pull, press, resistance/,</i> • <i>basic combative techniques / alert, falls, punches, blocks, kicks, throws.../,</i> • <i>defence against holds,</i> • <i>defence against blunt attack / shoving, jostling /,</i> • <i>defence with a bear hug, hold, choke.</i> 	

Recommended literature :

Recommended literature:

REGULI Z., 2005. Úpolové sporty. Brno, Masarykova univerzita v Brně

SCHÄFER A., 2007. Judo. České Budějovice, KOPP nakladatelství,

NOVÁK M., 2007. Jujutsu více než sebeobrana. Praha, Grada Publishing, a.s.

GURGEL F., 2009. Brazilske džudžucu technika pro pokročilé. Praha, Naše vojsko.

FOJTÍK, I., 1990. Úpoly. Bratislava: Slovenské pedagogické nakladateľstvo.

GURGEL, F., 2009. Brazilske džudžucu, základní technika. Praha: Naše vojsko. 159 s. ISBN 978-80-206-1053-9.

HORST, W., 1985. Sebaobrana s použitím džuda. Bratislava: Šport.

JAVOREK, R. a kol., 2013. Sebaobrana pro každého. Praha: Akcent. 80 s. ISBN 978 -80- 726-8958-3.

PERNECKÁ, S., 2009. Inteligentná sebaobrana pre ženy. CAD press. 196 s. ISBN 978-80-889-6939-6.

RÝČ, B., 2010. Sebaobrana pro ženy. Praha: Grada Publishing. 192 s. ISBN 9788024731452.

ZÁTROCH, D., 1999. JUDO od bieleho po čierny opasok. Bratislava: Ipon. 335 s. ISBN 80- 900-5110- 3.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of student in direct education min. 90%.

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 65

A	B	C	D	E	FX
98%	0%	0%	0%	0%	2%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Mgr. Marek Janič, co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PREtIe/22</i>	Course title: <i>Professional ethics</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>1 hour per week, 13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <i>individual self-study (12 hours),</i> <i>producing a seminar paper with emphasis on the issue of an ethical dilemma (5 hours).</i> https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf <i>Active participation in workshop aimed at addressing ethical dilemmas in urgent healthcare.</i> <i>External form of study: 13 contact hours (lecture)/semester, non-contact education 17 hours/semester, total demand on student 30 hours, combined form of education.</i> <i>Final assessment:</i> <i>o final knowledge test with a minimum of 50% success.</i> Final evaluation: <i>Overall assessment is calculated on the basis of the average of assessments – of the final test and the seminar paper as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <i>VV 1: Following familiar with basic information, a student has an adequate rate of understanding and abilities for the declarative level for explain the principles of health ethics with regard to the specificity of the work of medical rescuer.</i> Skills: <i>VV 2: The student mainly has a plane of cognitive and practical competence to apply knowledge in the area of solving ethical dilemmas in selected clinical fields and in rescue work.</i> Competence: <i>VV 3: The student has competences in accordance with the decree of the Ministry of Health of the Slovak Republic No.151 / 2018 Z. Z., which determines the extent of practice in some health professionals v.z.n.p.</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • <i>Ethics as a scientific discipline, basic concepts.</i> • <i>Principles of medical ethics.</i> • <i>Code of ethics of a medical rescuer.</i> • <i>Charter of patient rights in Slovakia.</i> • <i>Ethical aspects in selected clinical sections – surgery, obstetrics and gynaecology, paediatrics.</i> • <i>Ethical aspects in providing first aid.</i> 	

- *Ethical view of selected situations of provision of pre-treatment urgent healthcare.*
- *Ethics with the critically ill, euthanasia.*
- *Autonomy and dignity in treatment and care for cancer patients.*
- *Dying from an ethical point of view.*

Recommended literature :

Recommended literature:

JONSEN, A.R. et al, 2019. Klinická etika. Triton. 232 s. ISBN 9788075536532

JANKOVSKÝ, J. 2018. Etika pro pomáhající profese. Triton. 304 s. ISBN 9788075534149

LITTVÁ, V. et al. 2020. Profesijná aplikovaná etika v urgentnej zdravotnej starostlivosti: vybrané kapitoly. Verbum. 281 s. ISBN 978-80-561-0835-2

AADLAND, E., MATULAYOVÁ, T., 2011. Etické reflexie pomáhajúcich profesií. Vydavateľstvo Prešovskej univerzity v Prešove. 179 s. ISBN 978-80-555-0332-5.

HAŠKOVCOVÁ, H., 2012. Lékařská etika. Praha: Galén. 325 s. ISBN 978- 76-555- 0332.

KUTNOHORSKÁ, J. a kol., 2007. Vybrané kapitoly z ošetrovateľskej etiky. Martin: Osveta. 155 s. ISBN 978-80-8063-326-4.

ŠOLTĚS, L. a kol., 2009. Vybrané kapitoly z medicínskej etiky. Martin: Osveta. 260 s. ISBN 978 – 80- 806- 3321- 9.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory attendance of the student at lectures min. 80%.

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: *167*

A	B	C	D	E	FX
34%	20%	8%	7%	8%	23%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Reľovská, PhD., lecturer, examiner

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PRKOME/22</i>	Course title: <i>Professional communication</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Manner of completing the subject: continuous assessment (PH)</i> <i>Criteria of assessment:</i> <i>individual studies (24 hours),</i> <i>visual/verbal presentation of a selected topic from the contents of the subject (10 hours).</i> <i>External form of study: 26 contact hours (seminar)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined form of education</i> Final evaluation: <i>Overall assessment is calculated as per the following percentage scale on the basis of the visual/verbal presentation of an approved topic which is from the contents of the subject and the student declares in it the communication skills attained:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <i>VV 1: Following familiar with basic information, a student has an adequate rate of understanding and abilities for the declarative level for characterize and comparing the specificity of communication in healthcare with an emphasis on the situation in emergency healthcare.</i> Skills: <i>VV 2: The student mainly has a plane of cognitive and practical competence to apply knowledge in the area of the rules of verbal and non-verbal communication in interaction with communications partners in specific situations within the IRS (EMS Operations Centre, emergency medical services , Fire and Rescue Service, Police) and also in crisis situations.</i> Competence: <i>VV 3: The student has competences in accordance with the decree of the Ministry of Health of the Slovak Republic No.151 / 2018 Z. Z., which determines the extent of practice in some health professionals v.z.n.p.</i>	
Course content: <i>Brief syllabus of seminars</i> <i>examples of types and kinds of social communication, examples of effective / unhelpful communication process, minimization of communication barriers,</i> <i>practising verbal - monologue communications with emphasis on emergency medical care,</i> <i>practising dialogue communication in terms of emergency medical care,</i> <i>practising communication with aggressive patients,</i> <i>practising communication with patients at risk of life or health,</i>	

practising communication with patients with impaired consciousness,
 practising observing signs of non-verbal communication - facial expressions, speech perspectives, haptics, gestures in an environment with focus on EMS,
 practising observing signs of non-verbal communication - proxemics, posturics, kinesics, appearance and preparation from outside, role-play - assertive behaviour, exercises to develop empathy, illustration life situations developing empathic feeling in emergency medical care,
 exercise for the development of therapeutic communication, communication in crisis situations, with patients with visual or hearing disabilities, with intellectual disabilities in specific conditions.

Recommended literature :

Recommended literature:

PTÁČEK, R., BARTUNĚK, P. A KOL. 2011. *Etika a komunikace v medicíně*. Praha: Grada Publishing, a.s. 528 s. ISBN 978-80-247-7267-7

ANDRŠOVÁ, A., 2012. *Psychologie a komunikace pro záchranáře v praxi*. Praha: Grada Publishing, a.s. 120 s. ISBN 978-80-247-2548-2

BÍLKOVÁ, J., 2011. *Komunikace zaměřena na člověka*. Praha: Grada. 172 s. ISBN 978-80-2473-612-9.

ELIAŠOVÁ, A., DERŇÁROVÁ, L., 2010. *Komunikácia zdravotníckeho pracovníka so sluchovo postihnutými*. Prešov: Grafotlač. 177 s. ISBN 978-80-555-0271-7.

KRISTOVÁ, J., 2009. *Komunikácia v ošetrovatel'stve* Martin: Osveta. 185 s. ISBN 978-80-8063-31-604.

PEAS, A., PEAS, B., 2010. *Veľká kniha reči tela. Ako čítať myšlienky podľa gest*. Bratislava: Ikar, 316 s. ISBN 987-80-551-2387-5.

POKORNÁ, A., 2011. *Efektivní komunikační techniky v ošetrovatel'ství*. Praha: Národní centrum ošetrovatel'ství. 104 s. ISBN 978-80-701-352-42.

SLOWÍK, J., 2010. *Komunikace s lidmi s postižením*. Praha: Portál. 160 s. ISBN 978-80-7367-691-9.

ŠPATENKOVÁ, N., KRÁLOVÁ, J. 2009. *Základní otázky komunikace. Komunikace (nejen) pro sestry*. Praha: Galén. 135 s. ISBN 978-80-726-259-94.

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation in seminars min. 80%

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 177

A	B	C	D	E	FX
36%	24%	8%	2%	1%	30%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Reľovská, Ph.D., lecturer, instructor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PRLEGe/22</i>	Course title: <i>Law and Legislation</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>1 hour per week, 13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>producing a final seminar paper as per assignment (7 hours),</i> https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf • <i>individual studies (10 hours).</i> <i>External form of study: 13 contact hours(lecture)/semester, non-contact education 17 hours/semester, total demand on student 30 hours, combined form of education</i> <i>Final assessment:</i> <i>final knowledge test with a minimum of 50% success.</i> Final evaluation: <i>Overall assessment is calculated on the basis of average assessment - seminar paper and result of the final knowledge test as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <i>VV 1: Following familiar with basic information, a student has an adequate rate of understanding and abilities for the declarative level to explain professional knowledge of valid right and EU legislation.</i> Skills: <i>VV 2: The student mainly has a plane of cognitive and practical competence to apply knowledge in the area of orientation in legislation associated with their continuous update and flexible use, including EU space.</i> Competence: <i>VV 3: The student has competences in accordance with the decree of the Ministry of Health of the Slovak Republic No.151 / 2018 Z. Z., which determines the extent of practice in some health professionals v.z.n.p.</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • <i>basic legal concepts, fundamental human rights and freedoms and their protection (national, European, international),</i> • <i>Structure and scope of healthcare providers, labour relations, liability for damages, criminal liability, civil liability, law of obligations, administrative-legal relations and responsibilities in infringement proceedings,</i> • <i>Family-law relations, compensatory forms family upbringing, maintenance obligation, adoption, establishment of parenthood,</i> • <i>legal aspects of healthcare, patients' rights, the rights and duties of health professionals, the code of ethics of health workers, legal aspects of healthcare, patients' rights, the rights and duties of health professionals,</i> 	

the code of ethics of health workers, the issue of the integrity of health professionals,
• *legislation applicable to the EMS workers.*

Recommended literature :

Recommended literature:

ROHÁČ, J., 2002. *Základné pojmy z teórie práva a všeobecná charakteristika vybraných odvetví slovenského právneho systému.* PU: FHPU.

OZ, ZP, *Lisabonská zmluva Všeobecne záväzné zdrav. predpisy*

ROHÁČ, J., 2008. *Ochrana pred diskrimináciou.* PU: PBF. 114 s. ISBN 978-80-8068-856-1.

ROHÁČ, J., BUJŇÁK, J., 2008. *Breviár rodinného práva.* Prešov.

ROHÁČ, J., RUDAČKOVÁ, J., 2006. *Základy trestného práva pre sociálnych pracovníkov. Extrakt otázok a odpovedí v konaní o odškodňovaní osôb poškodených násilnými trestnými činmi.* PU: PBF.

Občiansky zákonník.

Občiansky súdny poriadok.

Zákon o rodine.

Zdravotnícke predpisy.

Zákonník práce.

Trestný zákon a Trestný poriadok

Zákony č. 578/2004 Z.z., č. 720/2004 Z.z., č. 576/2004 Z.z., č. 30/2006 Z.z.

Etický kódex zdravotníckych pracovníkov.

European legal acts transformed into legislative standards of the Slovak Republic.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory attendance of the student at lectures min. 90%.

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: *160*

A	B	C	D	E	FX
79%	1%	0%	0%	0%	20%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor JUDr. Vladimír Volčko, co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PROPIe/22</i>	Course title: <i>Vacation work experience I</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>120 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>4</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe3)</i> <i>2nd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/ZATECHe/22 - Rescue equipment, 6KUS/KLCV1e/22 - Clinical exercises I</i>	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of the student in the initial training before starting the holiday internship, • control of the schedule of services and unannounced control of the student's participation in the holiday internship, • 100% mandatory participation in the holiday internship proven by enrollment in the attendance list. <i>After completing the course in the required range:</i> <ul style="list-style-type: none"> • handing over the clinical recorder with a list of completed semesters, • checking the attendance sheet, • formal and content control of records in the clinical recorder, • submission of a record of student supervision and evaluation to the mentor. <i>External form of study: 120 contact hours (exercise)/semester, total demand on student 120 hours, combined method of education</i> Final evaluation: <i>The student successfully completes the subject upon fulfilling the prescribed assessment criteria.</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student should demonstrate at the declarative level theoretical and practical skills for the performance of emergency medical staff in the field of physical examination.</i> Skills: <i>VV2 The student has a cognitive and practical ability to apply knowledge in the field of monitoring vital functions and manipulation of material and technical equipment in solving the intervention of the emergency medical crew.</i> Competences: <i>VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., which determines the scope of practice in certain medical professions</i>	
Course content: <i>Brief syllabus of the subject:</i> <i>legislation, professional methodological guidelines and recommended procedures for the provision of pre-hospital emergency health care,</i> <i>material and technical equipment of individual types of emergency medical ambulances,</i> <i>basic nursing, immobilization and transport techniques in emergency medical services,</i> <i>emergency medical services, communication and cooperation with other emergency medical services,</i> <i>primary and secondary examination of the patient</i>	
Recommended literature : <i>Recommended literature:</i>	

ADAMS, B. a kol., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.

BOGUSKÁ, D. et al., 2019. *Urgentná zdravotná starostlivosť*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 255 s. ISBN 978-80-555-2291-3.

DOBIÁŠ, V. a kol., 2013. *Klinická propedeutika v urgentnej medicíne*. Praha: Grada Publishing. 208 s. ISBN 978-80-247-4570-1.

Kardiopulmonálna resuscitácia 2020. *Odporúčania ERC 2020* [on line]. 2020 Dostupné z: http://www.ssaim.sk/documents/KPR_2020 ERC_Kompletny_preklad-102012.pdf

KAŠČÁK, M., 2006. *Klinická propedeutika*. Martin: Vydavateľstvo Osveta, 90 s. ISBN 8080632154

KOLLÁROVÁ, B., RYBÁROVÁ, D., MIŽENKOVÁ, L., POŽONSKÁ, M., 2011. *Klinický záznamník : výkony nemocničnej starostlivosti : urgentná zdravotná starostlivosť*. 190 s. ISBN 970-80-55-0330-1.

KRIŠKOVÁ, A. a kol., 2006. *Ošetrovateľské techniky*. Martin: Vydavateľstvo Osveta. 804 s. ISBN 80-8063-087-9.

NEJEDLÁ, M., 2005. *Fyzikální vyšetření pro sestry*. Praha: Grada Publishing. 248 s. ISBN 80- 2471-150-8 .

SHILING MCCANN J., A. a kol., 2008. *Sestra a urgentní stavy*. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.

ZAZULA, R. et al., 2019. *Záchranárska technika a technológie*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 194 s. ISBN 978-80-555-2290-6.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes:

The subject is a smooth continuation of the subject Clinical exercises 1 (KLCVI).

Compulsory participation of student in induction training before beginning vacation work experience.

100% compulsory participation in vacation work experience evidenced by attendance sheet.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. MSc. Danko Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PROP2e/22</i>	Course title: <i>Vacation work experience 2</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>120 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>4</i>	
Recommended semester: <i>2nd year ST emergency health care (UZSe3)</i> <i>3rd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/PROPIe/22 - Vacation work experience 1</i>	
Conditions for passing the course: Form of assessment: <i>PROPI - Vacation work experience 1</i> Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of the student in the initial training before starting the holiday internship, • control of the schedule of services and unannounced control of the student's participation in the holiday internship, • 100% mandatory participation in the holiday internship proven by enrollment in the attendance list. <i>After completing the course in the required range:</i> <ul style="list-style-type: none"> • handing over the clinical recorder with a list of completed semesters, • checking the attendance sheet, • formal and content control of records in the clinical recorder, • submission of a record of student supervision and evaluation to the mentor. <i>External form of study: 120 contact hours (exercise)/semester, total demand on student 120 hours, combined method of education</i>	
Final evaluation: <i>The student successfully completes the subject upon fulfilling the prescribed assessment criteria.</i>	
Learning outcomes: <i>Results of education:</i> <i>Upon successful completion of the course, the student will be able to carry out professional work activities in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 334/2010 Coll. of 9 July 2010 on the scope of the paramedic's practice in the emergency medical service specifically following the syllabus.</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student should demonstrate at a declarative level theoretical and practical skills for the performance of emergency medical staff in the field of diagnosis and treatment of patients, resuscitation procedures and immobilization techniques.</i> Skills: <i>VV2 The student has a cognitive and practical ability to apply knowledge in the intervention of emergency medical staff in the field of independent assessment of the patient's health, implementation of specific procedures, resuscitation procedures, immobilization techniques and further direction of the patient.</i> Competences: <i>VV3 Student has competencies in accordance Ministry of Health of the Slovak Republic No. 151/2018 Coll., which determines the scope of practice in some health professions</i>	
Course content: <i>Brief syllabus of the subject:</i> General part: <ul style="list-style-type: none"> • Legislation, professional methodological guidelines and recommended procedures for the provision of pre-hospital emergency health care • Material and technical equipment of individual types of emergency medical ambulances • Basic nursing, immobilization and transport techniques in emergency medical services • Documentation in emergency medical services, communication and cooperation with other components IRS • Primary and secondary examination of the patient 	

- Urgent resuscitation: ALS, BLS, ALS, BLS in pediatrics, CPR in specific conditions
- Current knowledge in the field, selected acute conditions not included in the content of the curriculum, interesting case studies
- Participation in professional events : trainings, conference conferences, collaborative exercises, etc.

Specific part:

1 Acute conditions affecting the cardiovascular system, symptoms, first aid

1.1 ICHS - AKS, angina pectoris, STEMI

1.2 Hypertensive disease, hypertensive crisis

1.3 Heart failure, pulmonary edema, cardiogenic Cardiac disorders

1.4 Arrhythmia

1.5 NCMP

2 Shock conditions

2.1 Various types of shock, symptoms, first aid

2.2 Anaphylaxis

3 Acute conditions affecting the respiratory system, symptoms, first aid

3.1 Bronchial asthma, Chronic obstructive pulmonary disease

3.2 Respiratory insufficiency

3.3 Foreign body aspiration, DC airway protection

3.4 respiratory support and oxygen therapy

4 Acute conditions affecting the central and peripheral system, symptoms, first aid

4.1 Quantitative and qualitative impairment of consciousness

4.2 Unconsciousness of non-accidental origin

4.3 Convulsions and seizure disorders

4.4 Pain

Recommended literature :

Recommended literature:

ADAMS, B., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.

BOGUSKÁ, D. et al., 2019. *Urgentná zdravotná starostlivosť*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 255 s. ISBN 978-80-555-2291-3.

BULÍKOVÁ, T. 2010. *Od symptómu k diagnóze v záchrannej zdravotnej službe*. Martin: Osveta. 148 s. 978-80-8063-334-9.

BYDŽOVSKÝ, J. 2008. *Akutní stavy v kontextu*. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.

BYDŽOVSKÝ, J., 2010. *Diferenciální diagnostika nejčastějších symptomu*. Praha: Triton. 144 s. ISBN 978-80-7387-352-3.

BYDŽOVSKÝ, J. 2010. *Tabulky pro medicínu prvního kontaktu*. Praha: Triton. 239 s. ISBN 978-80-7387-351-6.

DOBIÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740s. ISBN 978-80-8063-387-5.

Kardiopulmonálna resuscitácia 2020. Odporúčania ERC 2020 [on line]. 2020 Dostupné z: http://www.ssaim.sk/documents/KPR_2020_ERC_Kompletny_preklad-102012.pdf

KELNÁROVÁ, J., TOUFAROVÁ, J., VÁŇOVÁ, J., ČÍKOVÁ, Z., 2012. *První pomoc I*. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.

KELNÁROVÁ, J., TOUFAROVÁ, J., ČÍKOVÁ, Z., MATĚJKOVÁ, E., VÁŇOVÁ, J., 2013. *První pomoc II*. Praha: Grada Publishing. 192 s. ISBN 978-80-247-4200-7.

KOLLÁROVÁ, B. et. al. 2011. *Klinický záznamník. Výkony prednemocničnej starostlivosti. Urgentná zdravotná starostlivosť*.

Prešovská univerzita v Prešove. Fakulta zdravotníckych odborov. Caps, s.r.o. Košice. 166 s. ISBN 978-80-555-0329-2.

POKORNÝ J. et. al., 2010. *Lékařská první pomoc*. Praha: Galén. ISBN 978-80-7262-322-8.

POKORNÝ, J. et. al., 2004. *Urgentní medicína*. Praha: Galén. 547s. ISBN 80-7262-259-5.

SHILING McCANN J., A. a kol., 2008. *Sestra a urgentní stavy*. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.

ZAZULA, R. et al., 2019. *Záchrannárska technika a technológie*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 194 s. ISBN 978-80-555-2290-6.

Language which is necessary to complete the course: Slovak

Notes:

Notes: The subject is a smooth continuation of the subject Clinical exercises 3 (KLCV3).

Compulsory participation of student in induction training before beginning vacation work experience.

100% compulsory participation in vacation work experience evidenced by attendance sheet.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
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COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PRPOMe/22</i>	Course title: <i>First aid</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture, Seminar</i> Scope of educational activity: <i>1,2 hour per week, 13,26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>3</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory attendance of the student at lectures min. 80%, • participation of the student in seminars min. 90%, • individual self-study (31 hours). <i>Continuous assessment:</i> <ul style="list-style-type: none"> • during the semester student prepares and submits a shorter seminar paper on a given topic (5 hours of individual student work), https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf • during semester student produces a visual presentation in Microsoft PowerPoint in the range of 12-14 slides (of a compilational character) and verbally presents it at a seminar (15 hours of individual student work), • knowledge test after every completed topic with min. 50% success. <i>Final assessment:</i> <ul style="list-style-type: none"> • final knowledge test with a minimum of 50% success – in the case of unsuccessful completion of the interim tests, • practical part of the exam, • theoretical part – oral test – after successful completion of the practical part of the test. <i>External form of study: 13 contact hours (lecture)/semester, 26 hours (seminar)/semester, non-contact education 51 hours/semester, total demand on student 90 hours, combined form of education</i> Final evaluation: <i>Overall assessment is calculated as the average of assessments for the seminar paper, presentation, interim knowledge tests, practical part of the exam and oral response as per the following percentage scale:</i> <i>A 100%-92%</i> <i>B 91%-84%</i> <i>C 83%-76%</i> <i>D 75%-65%</i> <i>E 64%-50%</i> <i>FX 49% and less</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the subject, students can / are capable of:</i> <i>A student will have an adequate level of understanding and capabilities at the declarative level for:</i> <i>VV1 appointment and application of principles and procedures for the provision of first aid,</i> <i>VV2 defining the first aid legislation,</i> <i>VV3 Appointment of the Call Policy 112,</i> <i>VV4 describing the initial examination and recovery of the affected health,</i> <i>The student has a capability in particular in the area of cognitive and practical:</i> <i>VV5 to carry out primary and secondary recovery of the disabled,</i> <i>VV6 to implement the procedures for the first first aid in a car accident, Lao first aid for life-threatening conditions, perform life saving acts, to provide first aid for choking with a foreign body, perform a stabilized position, perform a basic urgent resuscitation of adults</i>	

and children, to use maneuvers to make the respiratory tract rising, after Skitting first aid for injuries, bleeding, fractures and burns, provide first assistance in internal injuries and shock, to provide a positioning of affected, to provide first aid in severe accidents, use dressage techniques in providing first aid to provide first aid in individual specific situations and acute assistance Buildings, organize the provision of first aid for bulk accidents,

The student can use knowledge for professional and personality development, especially in the form of:

VV7 has competencies in accordance with the Decree of the Ministry of Fusion No.151/2018

ZZ, determining the extent of practice in some health professions later regulations:

<https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/>

Course content:

Brief syllabus of the subject:

- general principles of providing first aid,
- organization, legal and psychological aspects of first aid,
- integrated rescue system, the principles of calls to 112, and 155,
- basic emergency cardiopulmonary resuscitation of adults (chain of survival, ensuring an open airway),
- emergency cardiopulmonary resuscitation of newborn or child (chain of survival, ensuring an open airway),
- first aid for choking with a foreign body,
- primary and secondary examination of the casualty (control of vital signs, medical history)
- basic activities in an accident, extracting people, evacuation and transport of the injured,
- positioning casualties,
- unconsciousness of non-traumatic origin (treatment, positioning and transport),
- basic procedures for injuries, bleeding and burns,
- bleeding (recognizing external and internal bleeding, its treatment, bleeding from body orifices),
- bandaging techniques used in providing first aid.,
- first aid for shock (types of shock, stages of shock, measures against shock),
- wounds and their treatment (foreign objects in wounds and body orifices, eye injury, injury by animals),
- injury to the head, spinal cord, chest, abdomen,
- pressure injuries, smothering,
- first aid for fractures (open and closed fractures, injuries to joints, muscles, tendons),
- damage by heat, cold, electric shocks and chemical substances,
- acute conditions of disease with selected diseases in individual fields,
- life-threatening conditions in gynaecology, urology, neurology, acute abdomen, diabetes mellitus - first aid for hyperglycaemia and hypoglycaemia,
- chest pain,
- mass injuries (triage of the wounded, organized first aid in mass accidents).

Recommended literature :

Recommended literature:

DOBIÁŠ, V. a kol., 2012. Prednemocničná urgentná medicína. Martin: Osveta. 740 s. ISBN 978-80-8063-387-5.

DOBIÁŠ, V. 2017. Prvá pomoc pre pokročilých poskytovateľov. Dixit. 302s. ISBN 978-80-89662-24-1

KELNÁROVÁ, J., TOUFAROVÁ, J., VÁŇOVÁ, J., ČÍKOVÁ, Z. 2012. První pomoc I. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.

KELNÁROVÁ, J., TOUFAROVÁ, J., ČÍKOVÁ, Z., MATĚJKOVÁ, E., VÁŇOVÁ, J., 2013. První pomoc II. Praha: Grada Publishing. 192 s. ISBN 978-80-247-4200-7.

POKORNÝ J. et. al., 2010. Lékařská první pomoc. Praha: Galén. ISBN 978-80-7262-322-8.

PIŠTEJOVÁ, M., KRAUS, D., 2017. Prvá pomoc v praxi. Rokus, s.r.o. printing. 121s. ISBN 978-80-89510-52-8.

Language which is necessary to complete the course: Slovak

Notes:

Notes: Compulsory attendance of the student at lectures min. 90%, participation of the student in seminars min. 90%.

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are published on the faculty's website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 176

A	B	C	D	E	FX
28%	22%	11%	4%	3%	31%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor Mgr. Bc. Jozef Koprušák, co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PSUZSe/22</i>	Course title: <i>Practical state examination in emergency healthcare</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>150 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>5</i>	
Recommended semester: <i>3rd year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Conditions for completing the subject:</i> - <i>170 credits gained for studies,</i> - <i>submitting clinical record books: Performances of hospital care and performances of prehospital care.</i> <i>External form of study: non-contact education 150 hours/semester, total demand on student 150 hours, combined form of education</i> Final evaluation: <i>Final assessment:</i> <i>Roles of the student</i> <i>Solve model situations as per assignment.</i> <i>Take and analyse a call from the operations centre for emergency medical services.</i> <i>Start a ride with an ambulance or doctor-ambulance.</i> <i>Evaluate the health of the patient and the situation at the place of an accident.</i> <i>Provide qualified prehospital emergency healthcare with the use of available forces and means.</i> <i>Prepare the patient for transport to a hospital able to provide further comprehensive medical care.</i> <i>Complete and submit a record of the assessment of the patient.</i> <i>Justify and defend algorithm of procedure for examination and treatment of the patient.</i> <i>Produce a written knowledge test related to the topic of the practical state exam.</i> <i>Overall assessment of the state exam is calculated on the basis of the average assessment of solving model situations, the knowledge test, oral response as per the following scale:</i> <i>A 1.00 – 1.24</i> <i>B 1.25 – 1.74</i> <i>C 1.75 – 2.24</i> <i>D 2.25 – 2.74</i> <i>E 2.75 – 3.00</i> <i>FX 3.01 – and higher</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <i>VV 1: Following familiar with basic information, a student has an adequate rate of understanding and abilities for the declarative level for design of solutions to a model situation aimed at pre-hospital urgent health care patient with a selected clinical unit.</i> <i>(https://www.unipo.sk/public/media/30540/P%C5%A0S%20-%20T%C3%89ZY_2017-2018%20NOV%C3%89.pdf)</i> Skills: <i>VV 2: The student mainly has a plane of cognitive and practical competence to apply knowledge in the area of management of pre-hospital urgent health care and resolution of crisis situations.</i> Competence: <i>VV 3: The student has competences in accordance with the decree of the Ministry of Health of the Slovak Republic No.151 / 2018 Z. Z., which determines the extent of practice in some health professionals v.z.n.p.</i>	

Course content:

Brief syllabus of the subject:

Solving model situations.

Taking and analysing a call from the EMS operations centre.

Evaluating the health status of the patient and the situation at the place of an accident.

Providing qualified pre-hospital emergency medical care with the use of available powers and means.

Preparing the patient for transport to hospital.

Completion and handover of the record assessing the condition of the patient.

Rationale and justification of the algorithm of procedure for examination and treatment of the patient.

Developing a written knowledge test related to a topic of the practical state exam. The topics of the practical state bachelor test are published on the Department of Urgent Health Care (Faculty of Health Care, University of Prešov).

Recommended literature :

Recommended literature:

ADAMS, B., 1999. *Sestra a akútne stavy od A po Z*. Praha: Grada Publishing. 488s. ISBN 80-7169-893-8.

BULÍKOVÁ, T. 2010. *Od symptómu k diagnóze v záchranné zdravotnej službe*. Martin: Osveta. 148s. 978-80-8063-334-9.

BYDŽOVSKÝ, J. 2008. *Akútne stavy v kontextu*. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.

BYDŽOVSKÝ, J., 2010. *Diferenciální diagnostika nejčastějších symptomů*. Praha: Triton. 144 s. ISBN 978-80-7387-352-3.

BYDŽOVSKÝ, J. 2010. *Tabulky pro medicínu prvního kontaktu*. Praha: Triton. 239s. ISBN 978-80-7387-351-6.

DOBIÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740s. ISBN 978-80-8063-387-5.

KELNÁROVÁ, J., TOUFAROVÁ, J., VÁŇOVÁ, J., ČÍKOVÁ, Z. 2012. *První pomoc I*. Praha: Grada Publishing. 104s. ISBN 978-80-247-4199-4.

KELNÁROVÁ, J., TOUFAROVÁ, J., ČÍKOVÁ, E., MATEJKOVÁ, J., VÁŇOVÁ, J. 2013. *První pomoc II*. Praha: Grada Publishing. 192 s. ISBN 978-80-247-4200-7.

SHILING McCANN J., A. a kol., 2008. *Sestra a urgentní stavy*. Praha: Grada Publishing. 552s. ISBN 978-80-247-2548-2.

POKORNÝ J. et. al., 2010. *Lékařská první pomoc*. Praha: Galén. ISBN 978-80-7262-322-8.

POKORNÝ, J. et. al., 2004. *Urgentní medicína*. Praha: Galén. 547s. ISBN 80-7262-259-5.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 43

A	B	C	D	E	FX
30%	30%	19%	7%	7%	7%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor, co-guarantor, examiner

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/PSYCHe/22</i>	Course title: <i>Psychiatry</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture, Seminar</i> Scope of educational activity: <i>1,1 hour per week, 13,13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>3rd year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory attendance of the student at lectures min. 90%, participation in seminars min. 90%, continuous testing in selected topics - max. 100 points, the score of the student must be at least 50%, individual studies (34 hours).</i> <i>External form of study: 13 contact hours (lecture)/semester, 13 hours (seminar)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined form of education</i>	
Final evaluation: <i>Overall assessment is calculated from the average of partial assessments - results of continuous testing of selected topics and oral response as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course students are able to: After getting acquainted with basic information.</i> <i>The student has an adequate level of understanding and skills at a declarative level for: VV1 defining basic knowledge of psychiatric symptomatology and syndromology,</i> <i>VV2 characterization of knowledge about causes of mental disorders and diseases, examinations methods, course and treatment of mental disorders with emphasis on urgent and forensic conditions in psychiatry,</i> <i>VV3 description of legal aspects,</i> <i>Student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV4 apply the acquired knowledge in practice,</i> <i>VV5 implement preventive action in an environment close to him.</i> <i>The student is able to use knowledge for professional and personal development, especially in the form of:</i> <i>VV6 has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in some health professions as amended: https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> <i>• nature of the field and history of psychiatry,</i> <i>• causes of mental disorders,</i> <i>• investigative techniques in psychiatry,</i> <i>• organization of psychiatric care,</i> <i>• consciousness and loss of consciousness, perception and perceptual disorders,</i> <i>• emotionality and its disorders, thinking and its disorders, memory and its disorders,</i> <i>• intellect and its disorders,</i> 	

- *personality and its disorders,*
- *disorders of will and desire,*
- *depression, bipolar disorder, anxiety disorders, schizophrenic and paranoid mental disorders,*
- *organic mental disorders,*
- *drug addiction and alcohol dependence,*
- *specific personality disorders, anorexia nervosa and bulimia nervosa, disorders of sexual preferences,*
- *specific issues of treatment of the mentally ill,*
- *means of restraint and their use,*
- *urgent conditions in psychiatry,*
- *prevention in psychiatry.*

Recommended literature :

Recommended literature:

DUŠEK, K., CHROMÝ, K., MALÁ E., 1981. Psychiatria. Martin: Vydavateľstvo Osveta.

HÖSCHL, C., 2002. Psychiatrie. Praha: Tigisspol.

ONDŘIAŠOVÁ, M., 2005. Psychiatria. Martin: Vydavateľstvo Osveta. 117 s. ISBN 80-8063-199-9.

KOLIBÁŠ, E., 2010. Príručka klinickej psychiatrie. Bratislava: Psychoprof. 304 s. ISBN 978-80-8932-205-3.

MALÁ, E., PAVLOVSKÝ, P., 2010. Psychiatrie. Praha: Portál. 144 s. ISBN 978-80-736-7723-7.

PRAŠKO, J. a kol., 2011. Obecná psychiatrie. Univerzita Palackého v Olomouci. 528 s. ISBN 978-80-244-2570-2.

RABOCH, J. a kol., 2013. Psychiatrie. Praha: Karolínium. 468 s. ISBN 978-80-246-1985-9.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: Compulsory attendance of a student at a lecture. 90%, participation in seminars min. 90% For students with specific needs, individualised approach is provided based on a recommendation from the faculty coordinator for students with specific needs.

Instructions on how to prepare the specified task are published on the faculty website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: *64*

A	B	C	D	E	FX
34%	44%	11%	5%	5%	2%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/SUOPIe/22</i>	Course title: <i>Continuous professional experience 1</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>120 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>4</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe3)</i> <i>2nd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/KLCV1e/22 - Clinical exercises 1, 6KUS/OSTUSe/22 - Nursing techniques</i>	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of student in induction training before beginning continuous professional experience,</i> <i>participation of student in direct education 90% evidenced by attendance sheet, 10% non-non-participation only with confirmation of sickness,</i> <i>if the teacher finds regular unexcused late arrivals of the student at the clinical workplace, they have the right to give the student an absence,</i> <i>continuous control of formal and content records of performance in clinical logbook.</i> <i>External form of study: 120 contact hours (exercises)/semester, total demand on student 120 hours, combined form of education</i>	
Final evaluation: <i>Overall assessment:</i> <i>practical mastering nursing techniques in accordance with the syllabus,</i> <i>maintaining the rules of behaviour in clinical exercises, Protective-safety rules, maintaining medical confidentiality,</i> <i>submitting clinical logbook with a record of completed performances for the given semester,</i> <i>checking the attendance sheet,</i> <i>demonstrating the ability to physically examine the patient,</i> <i>assessment of the level of clinical competence during work experience, taking into account the overall preparation, punctuality in arriving and leaving the clinical workplace, communication skills, empathy, assertiveness, responsible performance of entrusted duties during clinical exercises,</i> <i>evaluation of the profile of the level of clinical competence.</i>	
Learning outcomes: <i>Results of education:</i> <i>Learning outcomes: After completing the course, students are able / are able to:</i> <i>After getting acquainted with the basic information,</i> <i>The student has an adequate level of understanding and ability at a declarative level for:</i> <i>VV1 describe the management of health care in designated clinical workplaces,</i> <i>VV2 define the initial and ongoing assessment of the patient's health status,</i> <i>VV3 explanation of health care management,</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV4 apply practical skills in providing health care to designated clinical workplaces,</i> <i>VV5 to implement nursing procedures in the prevention of nosocomial infections, monitoring vital functions, collection of biological material, administration of drugs, infusion and transfusion therapy, emergencies,</i> <i>VV6 to perform the procedures defined in the Clinical Recorder of Hospital Healthcare Services in accordance with the content structure of the Information Sheet,</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <i>VV7 has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain health</i>	

professions, as amended:
<https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/>

Course content:

Brief syllabus of the subject:

*management of healthcare in designated clinical workplaces,
admissions and continuous assessment of the health condition of the p/c,
nursing procedures for the prevention of nosocomial infections, monitoring of vital signs, taking samples of biological material,
administering medications, infusion and transfusion therapy, medical emergencies,
bandaging and immobilization technology,
specific diagnostic and therapeutic procedures applied at clinical workplaces,
interpersonal communication,
keeping medical records.*

Recommended literature :

Recommended literature:

*ARGAYOVÁ, I a kol. 2019 Ošetrovateľské techniky a postupy pre zdravotníckych záchranárov.
DOBIÁŠ, V. a kol., 2013. Klinická propedeutika v urgentnej medicíne. Praha: Grada Publishing. 208 s. ISBN 978-80-247-4570-1.
KAŠČÁK, M., 2006. Klinická propedeutika. Martin: Vydavateľstvo Osveta. 90 s. ISBN 8080632154
MIŽENKOVÁ, L., ARGAYOVÁ, I. RYBÁROVÁ, D. 2019. Klinický záznamník : výkony nemocničnej starostlivosti : urgentná zdravotná starostlivosť. 190 s. ISBN 970-80-55-0330-1.
NEJEDLÁ, M., 2005. Fyzikální vyšetření pro sestry. Praha: Grada Publishing. 248 s. ISBN 8024711508.
SHILING McCANN J., A. a kol., 2008. Sestra a urgentní stavy. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.*

Language which is necessary to complete the course: *Slovak*

Notes:

*Notes:
The subject is a continuation of Clinical exercises 1 (KLCVV1). Compulsory participation of student in induction training before beginning continuous professional experience. Participation of student in direct education 90% evidenced by attendance sheet, 10% non-non-participation only with confirmation of sickness.
Compulsory attendance of a student at a lecture. 90%, participation in seminars min. 90% For students with specific needs, individualised approach is provided based on a recommendation from the faculty coordinator for students with specific needs.
Instructions on how to work out the specified task are published at the Faculty's Web headquarters:
<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>*

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Reľovská, PhD., co-guarantor, lecturer, instructor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/SUOP2e/22</i>	Course title: <i>Continuous professional experience 2</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>120 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>4</i>	
Recommended semester: <i>2nd year WT emergency health care (UZSe3)</i> <i>3rd year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/SUOP1e/22 - Continuous professional experience 1</i>	
Conditions for passing the course: Form of assessment: <i>SOUPI - Continuous professional experience 1</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of the student in the initial instruction before starting a continuous professional practice,</i> <i>in the event that the teacher re-evaluates the student's regular late arrivals at the clinical workplace as unjustified – the teacher has</i> <i>the right to grant the student an absence,</i> <i>continuous formal and content control of the procedure records in the Clinical Recorder I.</i> <i>External form of study: contact education 120 hours (exercises) / semester, , total student workload 120 hours, combined method of</i> <i>education.</i> Final evaluation: <i>Final assessment:</i> <i>practical mastery of nursing techniques in accordance with syllabi,</i> <i>observance of the conduct rules in a continuous professional practice, protection and safety rules, preservation of medical secrecy,</i> <i>handing over a clinical recorder with a list of completed procedures for the relevant semester,</i> <i>attendance sheet check,</i> <i>demonstration of the patient's physical examination ability,</i> <i>assessment of the level of clinical competence during practice, which takes into account the overall arrangement, punctuality at</i> <i>entering and leaving the clinical workplace, communication skills, empathy, assertiveness, responsible performance of assigned tasks</i> <i>during continuous professional practice,</i> <i>evaluation of the clinical proficiency level profile.</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and skills at a declarative</i> <i>level for:</i> <i>VV1 description of health care management at designated clinical workplaces,</i> <i>VV2 definition of initial and ongoing assessment of the patient's health status,</i> <i>VV3 explanation of health care management,</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV4 apply practical skills in providing health care to designated</i> <i>clinical workplaces,</i> <i>VV5 to implement nursing procedures in the prevention of nosocomial diseases, monitoring</i> <i>vital functions, collection of biological material, administration of drugs, infusion and transfusion therapy, emergencies,</i> <i>VV6 to perform the procedures defined in the Clinical Recorder of Hospital Healthcare Services in accordance with the content</i> <i>structure of the Information Sheet,</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i>	

V7 has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., which determines the range of practice in certain medical professions, as recommended
<https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/>

Course content:

Brief syllabus of the subject:

health care management at designated clinical workplaces,
initial and ongoing assessment of the patient's state of health,
nursing procedures in the prevention of nosocomial infections, monitoring of vital functions, collection of biological material,
administration of drugs, infusion and transfusion therapy, emergencies,
dressing and immobilization technology,
specific diagnostic and therapeutic procedures applied in clinical workplaces,
interpersonal communication,
keeping medical records.

Recommended literature :

Recommended literature:

ARGAYOVÁ, I. et al. 2019. Ošetrovateľské techniky postupy pre zdravotníckych záchranárov. Prešov: PU FZO. 231 s. ISBN 978-80-555-2291-3.

BULÍKOVÁ, T., 2015. EKG pro záchranáře nekardiologie. Praha: Grada Publishing. 96s.

DOBLÁŠ, V. a kol., 2013. Klinická propedeutika v urgentnej medicíne. Praha: Grada Publishing. 208 s. ISBN 978-80-247-4570-1.

MIŽENKOVÁ, L., ARGAYOVÁ, I., RYBÁŘOVÁ, D. 2018. Klinický záznamník I. pre študijný odbor urgentná zdravotná starostlivosť. Prešov: PU v Prešove. 3. vyd., 104 s. ISBN 978-80-555-2002-5.

NEJEDLÁ, M., 2005. Fyzikální vyšetření pro sestry. Praha: Grada Publishing. 248 s. ISBN 80-247-1150-8.

PLEVOVÁ, I., ZOUBKOVÁ, R. 2021. Sestra a akutní stavy od A po Z. Praha: Grada Publishing. 1. vyd., 560 s. ISBN 978-80-271-0890-9.

VEVERKOVÁ, E. a kol., 2019. Ošetrovateľské postupy pro zdravotnícké záchranáře I. Praha: Grada Publishing. 228 s. ISBN 978-80-247-2747-9.

VEVERKOVÁ, E. a kol., 2019. Ošetrovateľské postupy pro zdravotnícké záchranáře II. Praha: Grada Publishing. 165 s. ISBN 978-80-271-2099-4.

VYTEJČKOVÁ, R. a kol., 2011. Ošetrovateľské postupy v péči o nemocné I. Praha: Grada Publishing. 228 s. ISBN 9788024734194.

VYTEJČKOVÁ, R. a kol., 2013. Ošetrovateľské postupy v péči o nemocné II. Praha: Grada Publishing. 288 s. ISBN 9788024734200.

SEDLÁŘOVÁ, P. a kol., 2015. Ošetrovateľské postupy v péči o nemocné III. Praha: Grada Publishing. 308 s. ISBN 9788024734217.

Language which is necessary to complete the course: Slovak

Notes:

Notes:

The course is a fluent continuation of the course Clinical Exercise 2 (KLCV2).

Compulsory student participation in the initial instruction before starting a continuous professional practice. Student participation in direct tuition 90% as evidenced by enrollment in the attendance sheet, 10% non-participation only with a certificate of incapacity for work.

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs.

Instructions on how to develop the assigned task are published on the faculty's website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Reľovská, PhD., co-guarantor, lecturer, examiner, instructor PhDr. Ľudmila Miženkova, PhD., MPH, co-guarantor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/SUOP3e/22</i>	Course title: <i>Continuous professional experience 3</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>120 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>4</i>	
Recommended semester: <i>2nd year ST emergency health care (UZSe3)</i> <i>3rd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/SUOP2e/22 - Continuous professional experience 2</i>	
Conditions for passing the course: Form of assessment: <i>SUOP2 - Continuous professional experience 2</i> Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in induction training before beginning continuous professional experience, • inspection of record of services and unannounced check of participation of student in continuous professional experience, • 100% compulsory participation continuous professional experience evidenced by attendance sheet. <i>After completing education in the required scope:</i> <ul style="list-style-type: none"> • submitting clinical logbook with a record of completed performances for the given semester, • checking the attendance sheet, • formal and content checking of evidence of performances in the clinical record book, • submission of the record of supervision and assessment of the student by the mentor. <i>External form of study:</i> <i>120 contact hours (exercise)/semester, total demand on student 120 hours, combined method of education</i>	
Final evaluation: <i>The student successfully completes the subject upon fulfilling the prescribed assessment criteria.</i>	
Learning outcomes: <i>Results of education:</i> <i>Upon successful completion of this course, students will be able to carry out professional work activities in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 334/2010 Coll. of 9 July 2010 on the scope of the paramedic's practice in the emergency medical service specifically following the syllabus.</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student has to demonstrate at the declarative level theoretical and practical skills for the performance of emergency medical staff in the field of occupational safety, control of aids and equipment of emergency medical ambulance service instrumentation, physical examination of the patient, preparation and administration of pharmacotherapy, differential-diagnostic procedures.</i> Skills: <i>VV2 The student has mainly in the level of cognitive and practical ability to apply knowledge in the field of monitoring vital functions, implementation of therapeutic procedures and transport techniques, manipulation of material and technical equipment, radio communication in solving the intervention of the EMS crew.</i> Competences: <i>VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain medical professions</i>	
Course content: <i>Brief syllabus of the subject:</i> General part: <ul style="list-style-type: none"> • legislation, professional methodological guidelines and recommended procedures for the provision of pre-hospital emergency health care, • material and technical equipment of individual types of emergency medical ambulances, • basic nursing, immobilization and transport techniques in emergency medical services, 	

- documentation in emergency medical services, communication and cooperation with other components IRS,
- primary and secondary examination of the patient,
- urgent resuscitation: ALS, BLS, ALS, BLS in pediatrics, CPR in specific conditions,
- current knowledge in the field, selected acute conditions not included in the content of the curriculum, interesting case reports,
- participation in professional events : trainings, conference conferences, collaborative exercises, etc.

Specific part:

1 Acute conditions affecting the cardiovascular system, symptoms, first aid

1.1 ICHS - AKS, angina pectoris, STEMI

1.2 Hypertensive disease, hypertensive crisis

1.3 Heart failure, pulmonary edema, cardiogenic Cardiac disorders

1.4 Arrhythmia

1.5 NCMP

2 Shock conditions

2.1 Various types of shock, symptoms, first aid

2.2 Anaphylaxis

3 Acute conditions affecting the respiratory system, symptoms, first aid

3.1 Bronchial asthma, Chronic obstructive pulmonary disease

3.2 Respiratory insufficiency

3.3 Foreign body aspiration, DC airway protection

3.4 respiratory support and oxygen therapy

4 Acute conditions affecting the central and peripheral system, symptoms, first aid

4.1 Quantitative and qualitative impairment of consciousness

4.2 Unconsciousness of non-accidental origin

4.3 Convulsions and seizure disorders

4.4 Pain

Recommended literature :

Recommended literature:

ADAMS, B. a kol., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.

BOGUSKÁ, D. et al., 2019. *Urgentná zdravotná starostlivosť*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 255 s. ISBN 978-80-555-2291-3.

BULÍKOVÁ, T., 2010. *Od symptómu k diagnóze v záchrannej zdravotnej službe*. Martin: Osveta. 148 s. 978-80-8063-334-9.

BYDŽOVSKÝ, J., 2008. *Akutní stavy v kontextu*. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.

BYDŽOVSKÝ, J., 2010. *Diferenciální diagnostika nejčastějších symptomu*. Praha: Triton. 144s. ISBN 978-80-7387-352-3.

BYDŽOVSKÝ, J., 2010. *Tabulky pro medicínu prvního kontaktu*. Praha: Triton. 239s. ISBN 978-80-7387-351-6.

DOBIÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740s. ISBN 978-80-8063-387-5.

Kardiopulmonálna resuscitácia 2020. Odporúčania ERC 2020 [on line]. 2020 Dostupné z: http://www.ssaim.sk/documents/KPR_2020 ERC_Kompletny_preklad-102012.pdf

KELNÁROVÁ, J., J. TOUFAROVÁ, J. VÁŇOVÁ, Z. ČÍKOVÁ, 2012. *První pomoc I*. Praha: Grada Publishing. 104s. ISBN 978-80-247-4199-4.

KELNÁROVÁ, J., J. TOUFAROVÁ, Z. ČÍKOVÁ, E. MATĚJKOVÁ, J. VÁŇOVÁ, 2013. *První pomoc II*. Praha: Grada Publishing. 192s. ISBN 978-80-247-4200-7.

KOLLÁROVÁ, B. et. al. 2011. *Klinický záznamník. Výkony prednemocničnej starostlivosti. Urgentná zdravotná starostlivosť*. Prešovská univerzita v Prešove. Fakulta zdravotníckych odborov. Caps, s.r.o. Košice. 2011.166s. ISBN 978-80-555-0329-5.

POKORNÝ J. et. al., 2010. *Lékařská první pomoc*. Praha: Galén. ISBN 978-80-7262-322-8.

POKORNÝ, J. et. al., 2004. *Urgentní medicína*. Praha: Galén. 547s. ISBN 80-7262-259-5.

SHILING McCann J., A. a kol., 2008. *Sestra a urgentní stavy*. Praha: Grada Publishing. 552s. ISBN 978-80-247-2548-2.

ZAZULA, R. et al., 2019. *Záchrannárska technika a technológie*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 194 s. ISBN 978-80-555-2290-6.

Language which is necessary to complete the course: Slovak

Notes:

Notes: The subject is a continuation of Clinical exercises 3 (KLCV3).

Compulsory participation of student in induction training before beginning continuous professional experience.

100% compulsory participation continuous professional experience evidenced by attendance sheet.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: 01.09.2022**Approved by:** *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/SUOP4e/22</i>	Course title: <i>Continuous professional experience 4</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>120 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>4</i>	
Recommended semester: <i>3rd year WT emergency health care (UZSe3)</i> <i>4th year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/SUOP3e/22 - Continuous professional experience 3</i>	
Conditions for passing the course: Form of assessment: <i>SUOP3 - Continuous professional experience 3</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of student in induction training before beginning continuous professional experience,</i> <i>check of roster and unannounced check of student participation in clinical professional work experience,</i> <i>100% compulsory participation continuous professional experience evidenced by attendance sheet.</i> <i>After completing education in the required scope:</i> <i>submitting clinical logbook with a record of completed performances for the given semester,</i> <i>checking the attendance sheet,</i> <i>formal and content checking of evidence of performances in the clinical record book,</i> <i>submission of the record of supervision and assessment of the student by the mentor.</i> <i>External form of study: 120 contact hours (exercise)/semester, total demand on student 120 hours, combined method of education</i>	
Final evaluation: <i>The student successfully completes the subject upon fulfilling the prescribed assessment criteria.</i>	
Learning outcomes: <i>Results of education:</i> <i>Upon successful completion of the course, the student will be able to carry out professional work activities in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 334/2010 of 9 July 2010 on the scope of practice of a paramedic in the emergency medical service specifically following the syllabus.</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student at the declarative level has to demonstrate theoretical and practical skills for the performance of emergency medical staff in the management of pre-hospital emergency patient care, including resuscitation procedures.</i> Skills: <i>VV2 The student has the cognitive and practical ability to apply knowledge in the intervention of emergency medical staff in the field of independent assessment of the patient's health, implementation of specific procedures, resuscitation procedures and further direction of the patient.</i> Competences: <i>VV3 Student has competencies in accordance / 2018 Coll., Which determines the scope of practice in some medical professions</i>	
Course content: <i>Brief syllabus of the subject:</i> <i>General part:</i> <ul style="list-style-type: none"> • <i>legislation, professional methodological guidelines and recommended procedures for the provision of pre-hospital emergency health care,</i> • <i>material and technical equipment of individual types of emergency medical ambulances,</i> • <i>basic nursing, immobilization and transport techniques in emergency medical services,</i> • <i>documentation in emergency medical services, communication and cooperation with other components IRS,</i> • <i>primary and secondary examination of the patient,</i> 	

- *urgent resuscitation: ALS, BLS, ALS, BLS in pediatrics, CPR in special conditions,*
- *current knowledge in the field, specific acute conditions not included in the content, interesting case reports,*
- *participation in professional events: training, conference conferences, collaborative exercises, etc.*

Specific part

- *Injuries, symptoms, first aid*
- *Bleeding, hemorrhagic shock*
- *Fractures*
- *Craniocerebral injuries*
- *Chest and abdomen injuries*
- *Polytrauma*
- *Heat injuries, burns, frostbite, chemical burns. Heating and drowning*
- *Electric shocks, lightning*
- *Acute conditions in gynecology and obstetrics*
- *Childbirth, obstetric bleeding, primary treatment of the newborn*
- *Bleeding outside pregnancy*
- *Acute conditions in pediatrics*
- *Choking, laryngitis, epiglottitis*
- *Febrile convulsions.*
- *Acute conditions in gastroenterology*
- *Bleeding in the GIT*
- *Sudden abdominal events, inflammation, colic*
- *GIT passage disorders, ileus, diarrhea, vomiting*
- *Acute metabolic disorders*
- *Diabetes mellitus, hypoglycaemia, hyperglycaemia.*

Recommended literature :

Recommended literature:

- ADAMS, B. a kol., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.
- BOGUSKÁ, D. et al., 2019. *Urgentná zdravotná starostlivosť*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 255 s. ISBN 978-80-555-2291-3.
- BULÍKOVÁ, T., 2010. *Od symptómu k diagnóze v záchrannej zdravotnej službe*. Martin: Osveta. 148 s. 978-80-8063-334-9.
- BYDŽOVSKÝ, J., 2008. *Akutní stavy v kontextu*. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.
- BYDŽOVSKÝ, J., 2010. *Diferenciální diagnostika nejčastějších symptomu*. Praha: Triton. 144 s. ISBN 978-80-7387-352-3.
- BYDŽOVSKÝ, J., 2010. *Tabulky pro medicínu prvního kontaktu*. Praha: Triton. 239 s. ISBN 978-80-7387-351-6.
- DOBIÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740 s. ISBN 978-80-8063-387-5.
- Kardiopulmonálna resuscitácia 2020. Odporúčania ERC 2020 [on line]. 2020 Dostupné z: http://www.ssaim.sk/documents/KPR_2020 ERC_Kompletny_preklad-102012.pdf
- KELNÁROVÁ, J., TOUFAROVÁ, J., VÁŇOVÁ, J., ČÍKOVÁ, Z., 2012. *První pomoc I*. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.
- KELNÁROVÁ, J., TOUFAROVÁ, J., ČÍKOVÁ, E., MATĚJKOVÁ, J., VÁŇOVÁ, J. 2013. *První pomoc II*. Praha: Grada Publishing. 192 s. ISBN 978-80-247-4200-7.
- KOLLÁROVÁ, B. et. al., 2011. *Klinický záznamník. Výkony prednemocničnej starostlivosti. Urgentná zdravotná starostlivosť*. Prešovská univerzita v Prešove. Fakulta zdravotníckych odborov. 166 s. ISBN 978-80-555-0329-5.
- SHILING McCANN J., A. a kol., 2008. *Sestra a urgentní stavy*. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.
- POKORNÝ J. et. al., 2010. *Lékařská první pomoc*. Praha: Galén. 474 s. ISBN 978-80-7262-322-8.
- POKORNÝ, J. et. al., 2004. *Urgentní medicína*. Praha: Galén. 547 s. ISBN 80-7262-259-5.
- ZAZULA, R. et al., 2019. *Záchrannárska technika a technológie*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 194 s. ISBN 978-80-555-2290-6.

Language which is necessary to complete the course: Slovak

Notes:

Notes:

The subject is a continuation of Clinical exercises 4 (KLCV4).

Compulsory participation of student in induction training before beginning continuous professional experience.

100% compulsory participation continuous professional experience evidenced by attendance sheet.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: 01.09.2022**Approved by:** *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/SUOP5e/22</i>	Course title: <i>Continuous professional experience 5</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>120 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>4</i>	
Recommended semester: <i>3rd year ST emergency health care (UZSe3)</i> <i>4th year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/SUOP4e/22 - Continuous professional experience 4</i>	
Conditions for passing the course: Form of assessment: <i>SUOP4 - Continuous professional experience 4</i> Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in induction training before beginning continuous professional experience, • check of roster and unannounced check of student participation in clinical professional work experience, • 100% compulsory participation continuous professional experience evidenced by attendance sheet. <i>After completing education in the required scope:</i> <ul style="list-style-type: none"> • submitting clinical logbook with a record of completed performances for the given semester, • checking the attendance sheet, • formal and content checking of evidence of performances in the clinical record book, • submission of the record of supervision and assessment of the student by the mentor, <i>External form of study:</i> <i>120 contact hours (exercise)/semester, total demand on student 120 hours, combined method of education</i>	
Final evaluation: <i>The student successfully completes the subject upon fulfilling the prescribed assessment criteria.</i>	
Learning outcomes: <i>Results of education:</i> <i>Upon successful completion of the course, the student will be able to carry out professional work activities in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 334/2010 of 9 July 2010 on the scope of practice of a paramedic in the emergency medical service specifically following the syllabus.</i> <i>Knowledge:</i> <i>VV1 After getting acquainted with the basic information, the student at the declarative level has to demonstrate theoretical and practical skills for the performance of emergency medical staff in the field of comprehensive management of prehospital emergency patient care.</i> <i>Skills:</i> <i>VV2 The student has a cognitive and practical ability to apply knowledge in the intervention of emergency medical staff in the field of independent assessment of the patient's health, determination of adequate treatment, implementation of specific procedures and further direction of the patient.</i> <i>Competences:</i> <i>VV3 Student has competencies in accordance with No. 151/2018 Coll., which determines the scope of practice in some medical professions.</i>	
Course content: <i>Brief syllabus of the subject:</i> <i>General part</i> <i>Legislation, professional methodological guidelines and recommended procedures for the provision of pre-hospital emergency health care.</i> <i>Material and technical equipment of individual types of emergency medical ambulances.</i> <i>Basic nursing, immobilization and transport techniques in emergency medical services. .</i> <i>Primary and secondary examination of the patient.</i> <i>Urgent resuscitation: ALS, BLS, ALS, BLS in pediatrics, CPR in specific conditions.</i> <i>Current knowledge in the field, selected acute conditions not included in the content of the curriculum,</i>	

interesting case reports.

Participation in professional events: trainings, conference conferences, collaborative exercises, etc.

Specific part

Acute conditions in psychiatry:

o neuroses and reactive disorders, hyperventilation syndrome,

o psychotic disorders, depression, mania, productive symptoms, suicide,

o alcohol dependence syndrome, intoxication, delirium, about drug addiction poisoning, intoxication, withdrawal syndrome.

Poisoning:

o inhalation poisoning,

o food poisoning.

Wounds, infections, inflammations.

Acute conditions in ophthalmology.

Acute conditions in otorhinolaryngology.

Acute conditions in urology.

Accident with mass disability .

Recommended literature :

Recommended literature:

ADAMS, B. a kol., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.

BOGUSKÁ, D. et al., 2019. *Urgentná zdravotná starostlivosť*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 255 s. ISBN 978-80-555-2291-3.

BULÍKOVÁ, T., 2010. *Od symptómu k diagnóze v záchrannej zdravotnej službe*. Martin: Osveta. 148 s. 978-80-8063-334-9.

BYDŽOVSKÝ, J., 2008. *Akutní stavy v kontextu*. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.

BYDŽOVSKÝ, J., 2010. *Diferenciální diagnostika nejčastějších symptomu*. Praha: Triton. 144s. ISBN 978-80-7387-352-3.

BYDŽOVSKÝ, J., 2010. *Tabulky pro medicínu prvního kontaktu*. Praha: Triton. 239 s. ISBN 978-80-7387-351-6.

DOBIÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740 s. ISBN 978-80-8063-387-5.

Kardiopulmonálna resuscitácia 2020. *Odporúčania ERC 2020 [on line]*. 2020 Dostupné z: http://www.ssaim.sk/documents/KPR_2020_ERC_Kompletny_preklad-102012.pdf

KELNÁROVÁ, J., TOUFAROVÁ, J., VÁŇOVÁ, J., ČÍKOVÁ, Z., 2012. *První pomoc I*. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.

KELNÁROVÁ, J., TOUFAROVÁ, J., ČÍKOVÁ, E., MATĚJKOVÁ, J., VÁŇOVÁ, J., 2013. *První pomoc II*. Praha: Grada Publishing. 192 s. ISBN 978-80-247-4200-7.

KOLLÁROVÁ, B. et al., 2011. *Klinický záznamník. Výkony prednemocničnej starostlivosti. Urgentná zdravotná starostlivosť*. Prešovská univerzita v Prešove. Fakulta zdravotníckych odborov. 166 s. ISBN 978-80-555-0329-5.

SHILING McCANN J., A. a kol., 2008. *Sestra a urgentní stavy*. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.

POKORNÝ J. et. al., 2010. *Lékařská první pomoc*. Praha: Galén. 474 s. ISBN 978-80-7262-322-8.

POKORNÝ, J. et. al., 2004. *Urgentní medicína*. Praha: Galén. 547 s. ISBN 80-7262-259-5.

ZAZULA, R. et al., 2019. *Záchrannárska technika a technológie*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 194 s. ISBN 978-80-555-2290-6.

Language which is necessary to complete the course: Slovak

Notes:

Notes:

Compulsory participation of student in induction training before beginning continuous professional experience.

100% compulsory participation continuous professional experience evidenced by attendance sheet.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. MSc. Danko Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: <i>01.09.2022</i>
Approved by: <i>doc. MUDr. Roman Zazula, Ph.D.</i>

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/TOXIKe/22</i>	Course title: <i>Toxicology</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>1 hour per week, 13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>compulsory attendance of the student at lectures min. 90%,</i> • <i>individual studies (17 hours),</i> • <i>interim test with a minimum mark of 50%.</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • <i>final written test with a minimum mark 50%.</i> <i>External form of study: 13 contact hours (lecture)/semester, non-contact education 17 hours/semester, total demand on student 30 hours, combined form of education</i>	
Final evaluation: <i>Overall assessment is calculated as the average evaluation of the interim and final tests as per the following percentage scale:</i> <ul style="list-style-type: none"> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i> 	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able / are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <ul style="list-style-type: none"> <i>VV1 use of basic concepts in toxicology, classification of chemicals according to toxicity and characterize certain inorganic and organic chemicals according to their toxicity and their effect on the living organism,</i> <i>VV2 explanation of the principle of action of radioactive substances on the human body and units of measurement radioactive radiation,</i> <i>VV3 understanding of the basics of first aid, the principles of acute treatment and the principles of prevention in use dangerous substances and to divide the ways of using narcotic and psychotropic substances in medicine, but also their abuse,</i> <i>VV4 get acquainted with the manifestations of their use, side effects, learn their principles of providing the first to help ingest the drugs, to acquaint them with the principles of treatment and prevention, to characterize and divide toxic substances, demonstrate theoretical knowledge of toxicology,</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <ul style="list-style-type: none"> <i>VV5 apply the basics of first aid when using hazardous substances,</i> <i>VV6 to apply the acquired knowledge in practice, to prove basic knowledge in individual examination procedures, manage patient care at all ages before, during and after diagnostic a therapeutic procedure and to manage the safety and health of oneself and the patient.</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i>	

VV7 has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in some medical professions as amended.
<https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/>

Course content:

Brief syllabus of the subject:

- basic concepts in toxicology,
- basic classification of toxic substances principles of action and toxic effects of hazardous substances on living organisms,
- principles of first aid and treatment in an acute condition after the use of hazardous substances, the precautionary principle,
- division of narcotic and psychotropic substances, effect on the human body,
- principles of first aid and acute treatment,
- principles of prevention.

Recommended literature :

Recommended literature:

BALOG, K., BARTLOVÁ, I., 1998. *Základy toxikológie*. Ostrava: Edice SPBI Spektrum. ISBN 80-86111-29-6.
JESENÁK, K., 2005. *Environmentálna anorganická chémia*. Bratislava.: PF. ISBN 80-223-20-72-2.
GÁFRIK, A., 2005. *Zbrane hromadného ničenia - aktuálna bezpečnostná hrozba*. Bratislava.: IBOŠ MO s.r. ISBN 80-88842-76-X.
PATOČKA, J. a kol., 2004. *Vojenská toxikológia*. Praha: Grada Publishing, a.s. 178 s. ISBN 8024-70-60-83.
OSINA, O., JURINA SADLOŇOVÁ, 2016 *Toxikológia - vybrané kapitoly, vysokoškolské skriptá*, UK Bratislava

Language which is necessary to complete the course: Slovak

Notes:

*Notes: compulsory attendance of the student at lectures min. 90%,
For students with specific needs, individualised approach is provided based on a recommendation from the faculty coordinator for students with specific needs. Instructions on how to work out the specified task are published at the Faculty's Web headquarters:
<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>*

Course evaluation:

Total number of students evaluated: 148

A	B	C	D	E	FX
32%	22%	14%	7%	5%	20%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Peter Novotný, co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/TSUZSe/22</i>	Course title: <i>Theoretical state exam in emergency healthcare</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>150 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>5</i>	
Recommended semester: <i>3rd year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: <i>UMMK 4 – Emergency medicine 4, UZZS 4 –Emergency healthcare 4, PRPOM - First aid, MEKAT – Disaster medicine, ZDMK 1, 2 Healthcare and crisis management, IZSZZ – Integrated rescue system, OSZZS – EMS Operations centre, ALPPS – Applied psychology, pedagogy, sociology, PRETI – Professional ethics, PRKOM – Professional communication, PRLEG – Law and legislation.</i> Continuous evaluation: <i>Conditions for completing the subject:</i> <i>- 170 credits gained for studies.</i> <i>External form of study: non-contact education 150 hours/semester, total demand on student 150 hours, combined form of education</i> Final evaluation: <i>Final assessment:</i> <i>Colloquium on knowledge of specific subjects of emergency healthcare and in the knowledge of humanities within emergency healthcare.</i> <i>Colloquium on individual subjects of emergency healthcare; The commission assesses the result by assigning credits for individual parts of the state exam; If a student is not successful in one part of the state exam it is not possible to assign him the full number of credits and the student is assessed as failed).</i> <i>Individual parts of the state exam are assessed with the grading scale of A to FX.</i> <i>Overall assessment of the state exam is calculated from the average of the marks of theoretical and practical state bachelor exam and defense of bachelor thesis as per the following scale:</i> <i>A 1.00 – 1.24</i> <i>B 1.25 – 1.74</i> <i>C 1.75 – 2.24</i> <i>D 2.25 – 2.74</i> <i>E 2.75 – 3.00</i> <i>FX 3.01 – and higher</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <i>VV 1: Following familiar with basic information, a student has an adequate rate of understanding and abilities for the declarative level for characterization, explanation, comparing and proposal for solutions to the issue listed in individual theses of theoretical state bachelor exam.</i> <i>(https://www.unipo.sk/public/media/30540/T%C5%A0S%20-%20T%C3%89ZY_2017-2018%20NOV%C3%89.pdf)</i> Skills: <i>VV 2: The student mainly has a plane of cognitive and practical competence to apply knowledge in the area of management of pre-hospital healthcare and resolution of crisis situations, focusing on professional, legislative-legal, psychological and ethical aspects.</i> Competence:	

VV 3: The student has competences in accordance with the decree of the Ministry of Health of the Slovak Republic No.151 / 2018 Z. Z., which determines the extent of practice in some health professionals v.z.n.p.

Course content:

Brief syllabus of the subject:

the student draws a question from the topics of the theoretical state bachelor exam, which are published on the Department of Urgent Health Care (Faculty of Health Care, University of Prešov).

after preparation, he/she answers before the commission as per the structure below:

- aetiology of the disease,
- pathophysiological mechanisms,
- clinical picture and symptoms,
- basic diagnostics and complications,
- prehospital care without special aids and equipment,
- prehospital emergency medical care,
- definitive treatment,
- prognosis of the disease.

Recommended literature :

Recommended literature:

Dependent on the selected questions, specific subjects of emergency healthcare, humanities in emergency healthcare and literature on selected subjects of the state exam (information sheets).

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: *44*

A	B	C	D	E	FX
23%	16%	18%	16%	16%	11%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor, co-guarantor, lecturer, examiner

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/UMMK1e/22</i>	Course title: <i>Emergency medicine 1</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>3 hour per week, 39 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: 2	
Recommended semester: <i>2nd year WT emergency health care (UZSe3)</i> <i>3rd year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of student in direct education min. 80%,</i> <i>continuous testing in selected topics - max. 100 points, the score of the student must be at least 61%,</i> <i>individual self-study (21 hours).</i> <i>Final assessment:</i> • <i>final knowledge test with a minimum of 50% success.</i> <i>External form of study: 39 contact hours (lecture)/semester, non-contact education 21 hours/semester, total demand on student 60 hours, combined form of education</i> Final evaluation: <i>Overall assessment is calculated on the basis of the average of partial assessments, results of continuous testing on selected topics and the final test as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able to:</i> <i>After getting acquainted with basic information, the student has an adequate level of understanding and skills at a declarative level for:</i> <i>VV1 gaining knowledge of prehospital emergency care in selected acute conditions,</i> <i>VV2 characterization of CPR children and adults, newborns, pregnant women, in disorders of consciousness, in convulsions and in sudden conditions in cardiology,</i> <i>VV3 definition of disorders of consciousness due to non-accidental and traumatic causes,</i> <i>VV4 explanation of acute conditions in cardiology,</i> <i>Student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV5 to provide adult CPR in according to ERC 2021,</i> <i>VV6 to perform post-resuscitation care,</i> <i>The student is able to use knowledge for professional and personal development especially in the form of:</i> <i>VV7 has competencies in accordance with the Decree of the Ministry of Health SR No. 151/2018 Coll. Regulations.</i> https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/	
Course content: <i>Brief syllabus of the subject:</i> <i>Prehospital CPR</i> <i>CPR in adults as per ERC 2021.</i>	

Specifics of CPR in children in prehospital care as per ERC 2021.
CPR of newborns in prehospital care as per ERC 2021.
CPR of pregnant women in prehospital care as per ERC 2021.
Post-resuscitation care.
Disorders of consciousness of non-traumatic origin
Introduction to cognitive disorders.
Examination and diagnostics patients with a disorder of consciousness.
Differential diagnostics of disorders of consciousness and possible causes unconsciousness.
Acute conditions with diabetes mellitus - hypoglycaemia, hyperglycaemia, hyperosmolar coma.
Introduction to convulsive conditions, examination and diagnostics of the patient.
Epilepsy, status epilepticus.
Hyperventilation tetany.
Collapse.
Vertigo.
Stroke.
Subarachnoid haemorrhage.
Acute conditions in cardiology
Pain behind the breastbone - differential diagnostics.
Acute Coronary Syndrome.
Pulmonary oedema.
Pulmonary embolism.
Hypertensive crisis.
Occlusion in the limbs.
Heart arrhythmias.
Cardiac failure and cardiogenic shock.

As part of a medical emergencies:
cause, pathophysiology of condition,
diagnostics and differential diagnostics – primary and secondary examination,
clinical picture,
treatment in prehospital emergency healthcare,
current knowledge on selected topics.

Recommended literature :

Recommended literature:

BULÍKOVÁ, T. 2010. Od symptómu k diagnóze v záchranné zdravotnej službe. Martin: Vydavateľstvo Osveta, 2010, 148 s. ISBN 978-80-8063-334-9.
BULÍKOVÁ, T. 2014. EKG pre záchranárov neekardiológov. Praha: Grada, 2014, 96 s., ISBN 978-80-247-5308-9
BYDŽOVSKÝ, J. 2010. Diferenciální diagnostika nejčastějších symptomu. Praha: Triton, 2010, 188 s., ISBN 978- 80-7387 - 352-3.
DOBIÁŠ, V. a kol. 2013. Klinická propedeutika v urgentnej medicíne. Praha: Grada Publishing. 2013, 208 s., ISBN 978-80-247-4570-1.
DOBIÁŠ, V. 2017. Prvá pomoc pre pokročilých poskytovateľov. Bratislava: Dixit. 2017, 304 s., ISBN 978-80-896-6224-1
DOBIÁŠ, V. a kol. 2021. Urgentná medicína prednemocničná, nemocničná pre dospelých a det. Martin: Vydavateľstvo Osveta, 2021, 1137 s.. ISBN 78-80-8063-499-5
Kardiopulmonálna resuscitácia 2021. Odporúčania ERC 2021 [on line]. 2021 Dostupné na internete: <https://www.cprguidelines.eu>
PLEVOVÁ, I. a kol. 2021. Sestra a akútne stavy od A po Z. Praha: Grada, 2021, 560 s., ISBN 978-80-2710-890-9
ŠEBLOVÁ, J. - KNOR, J. a kol. 2018. Urgentní medicína v klinické praxi lékaře. Praha: Grada Publishing, 2018, 2. vyd., 492 s., ISBN 978-80-271-0596-0
TOROK, P. a kol. 2015. Zásady transportu kriticky chorých. Martin: Osveta, 140 s. ISBN 978-80-8063-434-6

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation in lectures min. 90%,
An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are published on the faculty's website:
<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 65

A	B	C	D	E	FX
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	6%	20%	40%	12%	18%	3%
Lecturers: <i>doc. MUDr. Roman Zazula, Ph.D., guarantor MUDr. Anton Turčan, co-guarantor, lecturer, examiner</i>						
Date of last change: 01.09.2022						
Approved by: <i>doc. MUDr. Roman Zazula, Ph.D.</i>						

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/UMMK2e/22</i>	Course title: <i>Emergency medicine 2</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>3 hour per week, 39 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year ST emergency health care (UZSe3)</i> <i>3rd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/UMMK1e/22 - Emergency medicine 1</i>	
Conditions for passing the course: Form of assessment: <i>UMMK 1 - Emergency medicine 1</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>participation of student in direct education min. 90%,</i> <i>continuous testing in selected topics - max. 100 points, the score of the student must be at least 61%,</i> <i>individual self-study (21 hours).</i> <i>Final assessment:</i> • <i>final oral examination.</i> <i>External form of study: 39 contact hours (lecture)/semester, non-contact education 21 hours/semester, total demand on student 60 hours, combined form of education</i>	
Final evaluation: <i>Overall assessment is calculated on the basis of the average of partial assessments - results of continuous testing on selected topics and the final oral examination as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After graduating, students can / are capable of:</i> <i>A student, after having been informed of basic information, shall have an adjective level of understanding and competence at the declaratory level for:</i> <i>VV1 learning from pre-hospital emergency medical care in patients with a sudden abdominal event</i> <i>VV2 description of sudden events of urology,</i> <i>VV3 characterisation of sudden events in gynaecology and obstetrics, v i,</i> <i>VV4 definition of respiratory distress, external force trauma.</i> <i>The student shall have the ability to apply the knowledge in particular in the field of cognitive and practical education:</i> <i>VV5 to apply acquired knowledge and skills in the field of pre-hospital emergency health care The student is able to use knowledge for professional and personal development, especially during:</i> <i>VV6 has been established in accordance with Order No 151 / 2018 of the Ministry of Health, which determines the scope of the practice in certain health professions, as amended.</i> https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/	
Course content: <i>Brief syllabus of the subject:</i> <i>Acute abdomen and urological:</i> <i>general characteristics, classification, examination of the patient,</i>	

acute pain syndromes and acute conditions in gastroenterology (inflammatory - appendicitis, cholecystitis, pancreatitis, peritonitis, non-inflammatory - ileum, bleeding from the GIT, colic, abdominal aortic aneurysm), acute pain syndrome of the right upper, right and left lower abdomen, occlusion of the mesenteric artery, acute conditions in urology – colic, injuries to the urogenital system..

Emergencies in gynaecology and obstetrics:

general characteristics, classification,

acute pain syndromes in gynaecology - ectopic pregnancy, inflammatory acute abdomen, bleeding from the genitals, abdomen injuries, rape, sexual abuse,

pathological conditions related to pregnancy and during pregnancy - injuries, bleeding during labour, embolism of amniotic fluid, pulmonary embolism, preeclampsia, eclampsia, HELLP syndrome, inferior vena cava syndrome, lactation psychosis.

Acute conditions in children:

general characteristics, classification, examination of the child,

disorders of consciousness,

choking when breathing in and breathing out (laryngitis, epiglottitis, foreign body aspiration, allergic swelling, bronchiolitis, asthma, bronchopneumonia with choking),

shock conditions in children,

convulsions in children, febrile convulsions, and other syndromes typical of childhood

intoxication,

overheating, hyperthermic syndromes, burns, hypothermia

heat illnesses, collapse from heat, heatstroke, burns, hypothermia,

child cruelty.

Diseases of the respiratory system:

shortness of breath and its differential diagnostics,

choking - obstruction of the airway by a foreign body,

acute respiratory insufficiency,

drowning,

non-traumatic pneumothorax,

bronchial asthma, asthma attack, status asthmaticus,

chronic respiratory insufficiency.

As part of a medical emergencies:

cause, pathophysiology of condition,

diagnostics and differential diagnostics - primary and secondary examination,

clinical picture,

treatment in prehospital emergency healthcare,

current knowledge on selected topics.

Recommended literature :

Recommended literature:

BULÍKOVÁ, T. 2014. EKG pre záchranárov nekaridiológov. Praha: Grada, 2014, 96 s., ISBN 978-80-247-5308-9

DOBIÁŠ, V. a kol. 2013. Klinická propedeutika v urgentnej medicíne. Praha: Grada Publishing, 2013, 208 s., ISBN 978-80-247-4570-1.

DOBIÁŠ, V. 2017. Prvá pomoc pre pokročilých poskytovateľov. Bratislava: Dixit, 2017, 304 s., ISBN 978-80-896-6224-1

DOBIÁŠ, V. a kol. 2021. Urgentná medicína prednemocničná, nemocničná pre dospelých a deti. Martin: Vydavateľstvo Osveta, 2021, 1137 s., ISBN 978-80-8063-499-5

Kardiopulmonálna resuscitácia 2021. Odporúčania ERC 2021 [on line]. 2021 Dostupné na internete: <https://www.cprguidelines.eu>

MIXA, V. A kol. , 2017. Dětská prednemocniční a urgentní péče. Praha: Mladá fronta, 2017, 637 s., ISBN 978-80-204-4643-5

PLEVOVÁ, I. a kol. 2021. Sestra a akutní stavy od A po Z. Praha: Grada, 2021, 560 s., ISBN 978-80-2710-890-9

REMĚŠ, R. - TRNOVSKÁ, S. a kol. 2013. Praktická příručka přednemocniční urgentní medicíny. Praha: Grada Publishing, 2013, 240 s., ISBN 978-80-247-4530-5.

ŠEBLOVÁ, J. - KNOR, J. a kol. 2018. Urgentní medicína v klinické praxi lékaře. Praha: Grada Publishing, 2018, 2. vyd., 492 s., ISBN 978-80-271-0596-0

TOROK, P. a kol. 2015. Zásady transportu kriticky chorých. Martin: Osveta, 140 s. ISBN 978-80-8063-434-6

Language which is necessary to complete the course: Slovak

Notes:

Notes: participation in lectures min. 90%,

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are published on the faculty's website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 63

A	B	C	D	E	FX
6%	19%	27%	25%	19%	3%

Lecturers:*doc. MUDr. Roman Zazula, Ph.D., guarantor MUDr. Anton Turčan, co-guarantor, lecturer, examiner***Date of last change:** 01.09.2022**Approved by:** *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/UMMK3e/22</i>	Course title: <i>Emergency medicine 3</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>3 hour per week, 39 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>3rd year WT emergency health care (UZSe3)</i> <i>4th year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/UMMK2e/22 - Emergency medicine 2</i>	
Conditions for passing the course: Form of assessment: <i>PH (continuous assessment)</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of student in direct education min. 90%,</i> <i>continuous testing in selected topics - max. 100 points, the score of the student must be at least 50%,</i> <i>individual studies (21 hours).</i> <i>External form of study: 39 contact hours (lecture)/semester, non-contact education 21 hours/semester, total demand on student 60 hours, combined form of education</i> <i>Final assessment:</i> <i>final knowledge test with a minimum of 50% success.</i> Final evaluation: <i>Overall assessment is calculated from the average of partial assessments - results of continuous testing on selected topics and the final test as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able / are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level:</i> <i>VV1 gaining knowledge of prehospital emergency care in the treatment of patients in shock,</i> <i>VV2 characterization of knowledge of monotrauma and polytrauma,</i> <i>VV3 explanation of acquired knowledge in the treatment of patients in traffic accidents, accident syndromes,</i> <i>VV4 description of knowledge about patient transport,</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV5 apply patient management skills in polytrauma and injuries,</i> <i>VV6 to perform acquired skills in circulatory and respiratory failures,</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <i>VV7 has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain health professions, as amended.</i> https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/	
Course content:	

Brief syllabus of the subject:

Injuries:

*management of patients with polytrauma,
craniocerebral injury,
injury to the face (soft parts, facial bones, eyes)
neck injury,
chest injury, chest wall, rib fractures and lung contusion.
injury to the heart and large blood vessels,
trauma to the abdomen and veins,
injuries to spine and spinal cord,
traffic accidents, approach in a traffic accident, spinal trauma,
injury syndromes - crush syndrome, compartment syndrome, Blast syndrome.*

Injuries caused by external forces:

*overheating and heat injuries,
frostbite and hypothermia,
injuries from electric shock and lightning,
heat burns and chemical burns.*

Shock and states of shock:

*shock in general,
symptoms and stages of shock,
measures against shock,
replacing fluids, permissive hypotension,
different types of shock: haemorrhagic-traumatic shock, haemorrhagic shock, hypovolemic shock, allergic reactions and anaphylactic shock, spinal and neurogenic shock, septic and burn shock.*

As part of a medical emergencies:

*cause, pathophysiology of the condition,
diagnostics and differential diagnostics - primary and secondary examination,
clinical picture,
treatment in prehospital emergency healthcare,
current knowledge on selected topics.*

Circulatory problems in emergency medicine - cradial insufficiency, arrhythmias, ACS, pulmonary embolism, volume therapy, drugs in cardiology, respiratory problems in emergency medicine - CHCOP, asthma, bronchopneumonia, blunt lung trauma, monitoring of oxygenation and ventilation.

Recommended literature :

Recommended literature:

BULÍKOVÁ, T., 2010. Od symptómu k diagnóze v záchranné zdravotnej službe. Martin: Vydavateľstvo Osveta. 148 s. ISBN 978-80-8063-334-9.

BYDŽOVSKÝ, J., 2008. Akutní stavy v kontextu. Praha: Triton. 456 s. ISBN 978- 80-725-4815-6.

BYDŽOVSKÝ, J., 2010. Diferenciální diagnostika nejčastějších symptomu. Praha: Triton. 188 s. ISBN 978- 80-7387 - 352-3.

BYDŽOVSKÝ, J., 2010. Tabulky pro medicínu prvního kontaktu. Praha: Triton. 239 s. ISBN 978- 80-7387 - 351-6.

DOBIÁŠ, V. a kol., 2013. Klinická propedeutika v urgentnej medicíne. Praha: Grada Publishing. 208 s. ISBN 978-80-247-4570-1.

DOBIÁŠ, V. a kol., 2012. Prednemocničná urgentná medicína. Martin: Vydavateľstvo Osveta. 738 s. ISBN 978-80-8063-384-5.

ERTLOVÁ F., MUCHA J. a kol., 2003. Přednemocniční neodkladní péče. Brno: Nár. centrum ošetř. a nelékař. zdravot. oborů. 368 s. ISBN 80-7013-379-1.

Kardiopulmonálna resuscitácia 2010. Odporúčania ERC 2010 [on line]. 2010 Dostupné z: http://www.ssaim.sk/documents/KPR_2010_ERC_Kompletny_preklad-102012.pdf

MARINELLA, A. M., 2007. Často prehľadnuté diagnózy v akutní peči. Praha: Grada publishing. 137 s. ISBN 978-80-247-1735-7.

MASÁR, O. a kol., 2009. Základy urgentnej medicíny. Bratislava: UK. 146 s. ISBN 978-80-223-2649-0.

MASÁR, O. a kol., 2012. Urgentná medicína pre medikov. Bratislava: UK. 175 s. ISBN 978-80-223-3262-0.

POKORNÝ, J. a kol., 2010. Lékařská první pomoc. . 2. vyd. Praha: Galén. 474 s. ISBN 978-80-7262-322-8.

REMEŠ, R. - TRNOVSKÁ, S. a kol., 2013. Praktická příručka přednemocniční urgentní medicíny. Praha: Grada Publishing. 240 s. ISBN 978-80-247-4530-5.

ŠEBLOVÁ, J. - KNOR, J. a kol., 2013. Urgentní medicína v klinické praxi lékaře. 1. vyd. Praha: Grada Publishing. 416 s. ISBN 978-80-247-4434-6.

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation of student in direct education min. 90%

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are

*published on the faculty's website:
<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>*

Course evaluation:

Total number of students evaluated: 43

A	B	C	D	E	FX
5%	35%	53%	7%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor MUDr. Ľubomíra Romanová, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor doc. MUDr. Vladimír Mixa, Ph.D., co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/UMMK4e/22</i>	Course title: <i>Emergency medicine 4</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>3 hour per week, 39 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>3rd year ST emergency health care (UZSe3)</i> <i>4th year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/UMMK3e/22 - Emergency medicine 3</i>	
Conditions for passing the course: Form of assessment: <i>UMMK 3 - Emergency medicine 3</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of student in direct education min. 80%,</i> <i>continuous testing in selected topics - max. 20 points, student success must be at least 60%,</i> <i>individual studies (30 hours).</i> <i>Final assessment:</i> <i>the student draws one question from the content topics of the subject,</i> <i>after preparing the response as per the structure below:</i> <i>aetiology of the disease,</i> <i>pathophysiological mechanisms,</i> <i>clinical picture and symptoms,</i> <i>basic diagnostics and complications</i> <i>prehospital care without special aids and equipment,</i> <i>emergency prehospital care,</i> <i>definitive treatment.</i> <i>External form of study: 30 contact hours (lecture)/semester, non-contact education 30 hours/semester, total demand on student 60</i> <i>hours, combined form of education</i>	
Final evaluation: <i>Overall assessment is calculated from the average of partial assessments - results of continuous testing of selected topics and oral</i> <i>response as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able / are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative</i> <i>level for:</i> <i>VV1 acquisition of knowledge from prehospital emergency health care for patients in selected</i> <i>conditions that were the subject of the study content,</i> <i>VV2 defining knowledge from intoxications and emergencies in psychiatry,</i> <i>VV3 description of knowledge from emergencies in pediatrics, infections,</i> <i>VV4 characterization of knowledge about patient pain.</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV5 to apply the acquired knowledge into practice in pre-hospital emergency health care,</i> <i>VV6 to implement the acquired skills in practice,</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form</i>	

of:
VV7 has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in some medical professions as amended. <https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/>

Course content:

Brief syllabus of the subject:

Intoxication:

general characteristics, classification, evaluation of the patient, measures for intoxication, elimination methods, antidotes,, most common intoxication, inhalation, food, mushrooms, alcohol, medicines, organophosphates, animal poisons, drugs.

Emergency conditions in Psychiatry:

neuro-vegetative dystonia, aggression and aggressiveness, acute psychosis, state of confusion, depression, the issue of suicide and suicidality.

Infections:

general characteristics, classification, sepsis and septic shock, meningococcal sepsis, laryngitis, epiglottitis, severe pneumonia, H1N1 flu

korona virus – COVID 19

nosocomial infections,

professional infection.

Urgent events in childhood

Sudden abdominal events

Pain:

general characteristics, classification, examination of a patient in pain, treatment of pain, acute pain syndromes.

As part of a medical emergency:

cause, pathophysiology of the condition, diagnostics and differential diagnostics - primary and secondary examination, clinical picture, treatment in prehospital emergency healthcare, current knowledge on selected topics.

Recommended literature :

Odporúčaná literatúra:

BULÍKOVÁ, T., 2010. Od symptómu k diagnóze v záchranej zdravotnej službe. Martin: Vydavateľstvo Osveta. 148 s. ISBN 978-80-8063-334-9.

BYDŽOVSKÝ, J., 2010. Diferenciální diagnostika nejčastějších symptomu. Praha: Triton. 188 s. ISBN 978- 80-7387 - 352-3.

BYDŽOVSKÝ, J., 2010. Tabulky pro medicínu prvního kontaktu. Praha: Triton. 239 s. ISBN 978- 80-7387 - 351-6.

DOBLÁŠ, V. a kol., 2013. Klinická propedeutika v urgentnej medicíne. Praha: Grada Publishing. 208 s. ISBN 978-80-247-4570-1.

DOBLÁŠ, V. a kol., 2012. Prednemocničná urgentná medicína. Martin: Vydavateľstvo Osveta. 738 s. ISBN 978-80-8063-384-5.

DOBLÁŠ, V. a kol. 2021. Urgentná medicína prednemocničná, nemocničná pre dospelých a det. Martin: Vydavateľstvo Osveta, 2021, 1137 s.. ISBN 78-80-8063-499-5

Kardiopulmonálna resuscitácia 2021. Odporúčania ERC 2021 [on line]. 2021 Dostupné na internete: <https://www.cprguidelines.eu>

PLEVOVÁ, I. a kol. 2021. Sestra a akútne stavy od A po Z. Praha: Grada, 2021, 560 s., ISBN 978-80-2710-890-9

REMEŠ, R. - TRNOVSKÁ, S. a kol., 2013. Praktická příručka přednemocniční urgentní medicíny. Praha: Grada Publishing. 240 s. ISBN 978-80-247-4530-5.

ŠEBLOVÁ, J. - KNOR, J. a kol., 2013. Urgentní medicína v klinické praxi lékaře. 1. vyd. Praha: Grada Publishing. 416 s. ISBN 978-80-247-4434-6.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of student in direct education min. 90%

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are published on the faculty's website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 43

A	B	C	D	E	FX
12%	26%	40%	14%	7%	2%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor MUDr. Ľubomíra Romanová, Ph.D., co-guarantor, lecturer, examiner

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/UZZS1e/22</i>	Course title: <i>Emergency healthcare 1</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>3 hour per week, 39 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: 2	
Recommended semester: <i>2nd year WT emergency health care (UZSe3)</i> <i>3rd year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <i>participation of the student in seminars min. 90%,</i> <i>a shorter seminar paper (student preparation = 10 hours),</i> <i>preparing a visual presentation in Microsoft PowerPoint (student preparation = 11 hours),</i> <i>continuous testing in selected topics - max. 100 points, the score of the student must be at least 50%</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • <i>final knowledge test with a minimum of 50% success,</i> • <i>solving model situations.</i> <i>External form of study: 39 contact hours (seminar)/semester, non-contact education 21 hours/semester, total demand on student 60 hours, combined method of education</i> Final evaluation: <i>Overall assessment is calculated on the basis of the average of partial assessments - of the shorter seminar paper, the visual presentation, results of continuous testing on selected topics, the final test and solving model situations as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>Upon successful completion of this course, students will gain knowledge and skills in emergency medical care, emergency medical services, staff of outreach groups, history of emergency medical services, emergency medical services, documentation in emergency medical services and in selected acute conditions: CPR of children and adults, newborns, pregnant, conscious.</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student at the declarative level has to demonstrate theoretical and practical skills for the performance performed by the emergency medical crew in cardiopulmonary resuscitation, disorders of consciousness, acute conditions in cardiology.</i> Skills: <i>VV2 The student has a cognitive and practical ability to apply knowledge in the field of emergency response in the diagnosis and treatment of disorders of consciousness, acute conditions in cardiology and cardiopulmonary resuscitation.</i> Competences: <i>VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak</i>	

Course content:

Brief syllabus of the subject:

General part

Introduction to the subject (general part):

Emergency Medical Service.

Staffing of crews.

History of EMS.

IRS, its components.

Documentation in EMS.

Special part

Prehospital cardiopulmonary resuscitation

CPR in adults as per ERC 2010.

Specifics of CPR in children in prehospital care as per ERC 2010.

CPR of newborns in prehospital care as per ERC 2010.

CPR of pregnant women in prehospital care as per ERC 2010.

Post-resuscitation care.

Disorders of consciousness of non-traumatic origin

Introduction to disorders of consciousness.

Examination and diagnostics patients with a disorder of consciousness.

Differential diagnostics of disorders of consciousness and possible causes unconsciousness.

Acute conditions with diabetes mellitus - hypoglycaemia, hyperglycaemia, hyperosmolar coma.

Introduction to convulsive conditions, examination and diagnostics of the patient.

Epilepsy, status epilepticus.

Hyperventilation tetany.

Collapse.

Vertigo.

Stroke.

Subarachnoid haemorrhage.

Acute conditions in cardiology

Pain behind the breastbone - differential diagnostics.

Acute Coronary Syndrome.

Pulmonary oedema.

Pulmonary embolism.

Hypertensive crisis.

Occlusion in the limbs.

Heart arrhythmias.

Cardiac failure and cardiogenic shock.

As part of a medical emergencies:

management of prehospital emergency healthcare,

algorithm for acute conditions,

current knowledge on selected topics,

analysis of case reports,

solving model situations.

Recommended literature :

Recommended literature:

ADAMS, B. A KOL., 1999. SESTRA A AKUTNÍ STAVY OD A PO Z. PRAHA: GRADA PUBLISHING. 488 S. ISBN 80-7169-893-8.

BOGUSKÁ, D. ET AL., 2019. URGENTNÁ ZDRAVOTNÁ STAROSTLIVOSŤ. PREŠOV: VYDAVATELSTVO PREŠOVSKÉJ UNIVERZITY V PREŠOVE. 255 S. ISBN 978-80-555-2291-3.

BULÍKOVÁ, T., 2010. OD SYMPTÓMU K DIAGNÓZE V ZÁCHRANNEJ ZDRAVOTNEJ SLUŽBE. MARTIN: VYDAVATELSTVO OSVETA. 148 S. ISBN 978-80-8063-334-9.

BYDŽOVSKÝ, J., 2008. AKUTNÍ STAVY V KONTEXTU. PRAHA: TRITON. 456 S. ISBN 978- 80-725-4815-6.

BYDŽOVSKÝ, J., 2010. DIFERENCIÁLNÍ DIAGNOSTIKA NEJČASTEJŠÍCH SYMPTOMU. PRAHA: TRITON. 188 S. ISBN 978- 80-7387 - 352-3.

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REMEŠ, R. - TRNOVSKÁ, S. A KOL., 2013. PRAKTICKÁ PŘÍRUČKA PŘEDNEMOCNÍČNÍ URGENTNÍ MEDICÍNY. PRAHA: GRADA PUBLISHING. 240 S. ISBN 978-80-247-4530-5.

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Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation in seminars min. 90%

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 65

A	B	C	D	E	FX
29%	26%	14%	22%	6%	3%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. MSc. Danko Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor Ing. Bc. Marek Žifčák, MPH, co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/UZZS2e/22</i>	Course title: <i>Emergency healthcare 2</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>3 hour per week, 39 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: 2	
Recommended semester: <i>2nd year ST emergency health care (UZSe3)</i> <i>3rd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/UZZS1e/22 - Emergency healthcare 1</i>	
Conditions for passing the course: Form of assessment: <i>UZZS1 - Emergency healthcare 1</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>participation of the student in seminars min. 90%,</i> <i>a shorter seminar paper (student preparation = 10 hours),</i> <i>preparing a visual presentation in Microsoft PowerPoint (student preparation = 11 hours),</i> <i>continuous testing in selected topics- max. 100 points, the score of the student must be at least 50%</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • <i>final knowledge test with a minimum of 50% success,</i> • <i>solving model situations.</i> <i>External form of study: 39 contact hours (seminar)/semester, non-contact education 21 hours/semester, total demand on student 60 hours, combined method of education</i> Final evaluation: <i>Overall assessment is calculated on the basis of the average of partial assessments - of the shorter seminar paper, the visual presentation, results of continuous testing on selected topics and the final test a solving a model situation as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>The student will gain knowledge and skills in emergency health care for patients with abdominal emergencies, urological emergencies, emergencies in gynecology and obstetrics, pediatrics, respiratory diseases, injuries caused by external forces.</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student should demonstrate at the declarative level theoretical and practical skills for the performance of emergency medical staff in the care of pediatric patients, patients with respiratory diseases, patients with sudden abdominal events or emergencies in gynecology and obstetrics.</i> <i>VV2 The student has a cognitive and practical ability to apply knowledge in the field of emergency response in the diagnosis and treatment of pediatric patients, patients with respiratory diseases, patients with a sudden abdominal event or a sudden condition in gynecology and obstetrics.</i> Competences: <i>VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain medical professions.</i>	

After completing the course, the student will be able to:

- *demonstrate knowledge of the organization of emergency response and the specifics of field work,*
- *follow the principles of disinfection and sterilization in emergency conditions,*
- *to name and classify the complete material and technical support of the emergency medical ambulance,*
- *use the equipment of the emergency medical ambulance,*
- *measure and monitor the vital functions of the patient with the help of the emergency medical service outpatient equipment,*
- *perform an initial and secondary examination of the patient,*
- *write documentation (record of evaluation of the patient's health condition),*
- *correctly use means of transport and immobilization, given the extent and nature of the injury,*
- *immobilize the patient by immobilization means in compliance with all principles of immobilization,*
- *position the patient,*
- *be able to ensure airway patency,*
- *ventilate the patient with a manual resuscitation bag using a face mask,*
- *introduce an oral airway and maintain airway patency,*
- *list the ways of securing the airways, also alternatively,*
- *introduce supraglottic and subglottic devices,*
- *demonstrate theoretical knowledge of the principles, indications and contraindications of oxygen therapy,*
- *give oxygen treatment,*
- *name drug groups, types and forms of drugs used in emergency medical services, indications, contraindications,*
- *administer medication through an endotracheal cannula,*
- *adjust the monitor and operate the monitor with a defibrillator.*
- *demonstrate knowledge of patient defibrillation,*
- *use an automatic external defibrillator and a semi-automatic defibrillator,*
- *make a 12-lead ECG and make a basic description of the ECG,*
- *apply an intraosseous approach and administer drugs intraosseously,*
- *use and adjust the infusion pump and perfusor,*
- *use a set for burns, a set for chest drainage in tension pneumothorax, a set for field birth,*
- *demonstrate knowledge of the principles, procedure, technique and indication of chest drainage and assist the physician in the procedure,*
- *give birth in the field, treat the mother and the newborn,*
- *ensure the safety of the landing area and navigate the helicopter,*
- *provide care for the body of the dead person.*

Course content:

Brief syllabus of the subject:

Acute abdomen and urological:

general characteristics, classification, examination of the patient, acute pain syndromes and acute conditions in gastroenterology (inflammatory - appendicitis, cholecystitis, pancreatitis, peritonitis, non-inflammatory - ileum, bleeding from the GIT, colic, abdominal aortic aneurysm), acute pain syndrome of the right upper, right and left lower abdomen, occlusion of the mesenteric artery, acute conditions in urology – colic, injuries to the urogenital system.

Emergencies in gynaecology and obstetrics:

general characteristics, classification, acute pain syndromes in gynaecology - ectopic pregnancy, inflammatory acute abdomen, bleeding from the genitals, abdomen injuries, rape, sexual abuse, pathological conditions related to pregnancy and during pregnancy - injuries, bleeding during labour, embolism of amniotic fluid, pulmonary embolism, preeclampsia, eclampsia, HELLP syndrome, inferior vena cava syndrome, lactation psychosis. emergency healthcare in precipitate labour.

Acute conditions in children:

general characteristics, classification, examination of the child, disorders of consciousness, choking when breathing in and breathing out (laryngitis, epiglottitis, foreign body aspiration, allergic swelling, bronchiolitis, asthma, bronchopneumonia with choking), shock conditions in children, convulsions in children, febrile convulsions, and other syndromes typical of childhood intoxication, heat illnesses, collapse from heat, heatstroke, burns, hypothermia, child cruelty.

Diseases of the respiratory system:

shortness of breath and its differential diagnostics,
 choking - obstruction of the airway by a foreign body,
 acute respiratory insufficiency,
 drowning,
 non-traumatic pneumothora,
 bronchial asthma, asthma attack, status asthmaticus,
 chronic respiratory insufficiency.
 ways of securing the airways,
 aids of securing the airways.
 oxygen therapy,
 basic forms of artificial lung ventilation,
 monitoring during oxygen therapy and artificial lung ventilation.

As part of a medical emergencies:
 management of prehospital emergency healthcare,
 algorithm for acute conditions,
 current knowledge on selected topics,
 analysis of case reports,
 solving model situations.

Recommended literature :

Recommended literature:

ADAMS, B. A KOL., 1999. SESTRA A AKUTNÍ STAVY OD A PO Z. PRAHA: GRADA PUBLISHING. 488 S. ISBN 80-7169-893-8.
 BOGUSKÁ, D. ET AL., 2019. URGENTNÁ ZDRAVOTNÁ STAROSTLIVOSŤ. PREŠOV: VYDAVATELSTVO PREŠOVSKÉJ UNIVERZITY V PREŠOVE. 255 S. ISBN 978-80-555-2291-3.
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Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation in seminars min. 90%.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 63

A	B	C	D	E	FX
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	22%	43%	19%	11%	3%	2%
Lecturers: <i>doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor Ing. Bc. Marek Žifčák, MPH, co-guarantor, lecturer, examiner, instructor</i>						
Date of last change: 01.09.2022						
Approved by: <i>doc. MUDr. Roman Zazula, Ph.D.</i>						

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/UZZS3e/22</i>	Course title: <i>Emergency healthcare 3</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>3 hour per week, 39 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>3rd year WT emergency health care (UZSe3)</i> <i>4th year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/UZZS2e/22 - Emergency healthcare 2</i>	
Conditions for passing the course: Form of assessment: <i>Emergency healthcare 2</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of the student in seminars min. 90%,</i> <i>a shorter seminar paper (student preparation = 10 hours),</i> <i>preparing a visual presentation in Microsoft PowerPoint (student preparation = 11 hours),</i> <i>continuous testing in selected topics - max. 100 points, the score of the student must be at least 50%.</i> <i>Final assessment:</i> <i>final knowledge test with a minimum of 50% success,</i> <i>solving model situations.</i> <i>External form of study: 39 contact hours (seminar)/semester, non-contact education 21 hours/semester, total demand on student 60 hours, combined method of education</i> Final evaluation: <i>Overall assessment is calculated on the basis of the average of partial assessments - of the shorter seminar paper, the visual presentation, results of continuous testing on selected topics and the final test and solving a model situation as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i> <i>Overall assessment is calculated on the basis of the average of partial assessments - of the shorter seminar paper, the visual presentation, results of continuous testing on selected topics and the final test and solving a model situation as per the following percentage scale:</i> <i>A - 100,00 – 94,00 %</i> <i>B - 93,99 – 88,00 %</i> <i>C - 87,99 – 81,00 %</i> <i>D - 80,99 – 74,00 %</i> <i>E - 73,99 – 65,00 %</i> <i>FX - 64,99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>The student will gain knowledge and skills in emergency health care in the treatment of patients in shock, with monotrauma and polytrauma, in traffic accidents, trauma syndromes and knowledge about patient transport.</i>	

After completing the course, students are able to:

Knowledge:

VV1 After getting acquainted with the basic information, the student at the declarative level has to demonstrate theoretical and practical skills for performances performed by the emergency medical crew in the care of patients with injury, polytrauma, shock.

Skills:

VV2 The student has mainly in the level of cognitive and practical ability to apply knowledge in the field of intervention of the emergency response crew in various types of transport, in the diagnosis and treatment of patients with injury, polytrauma, shock.

Competences:

VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain medical professions

Course content:

Brief syllabus of the subject:

Injuries:

management of patients with polytrauma,
craniocerebral injury,
injury to the face (soft parts, facial bones, eyes)
neck injury,
chest injury, chest wall, rib fractures and lung contusion.
injury to the heart and large blood vessels,
trauma to the abdomen and veins,
injuries to spine and spinal cord,
traffic accidents, procedure in a traffic accident
injury syndromes - crush syndrome, compartment syndrome.

Injuries caused by external forces:

overheating and heat injuries,
frostbite and hypothermia,
injuries from electric shock and lightning,
heat burns and chemical burns.

Shock and states of shock:

shock in general,
symptoms and stages of shock,
measures against shock,
replacing fluids, permissive hypotension,
different types of shock: haemorrhagic-traumatic shock, haemorrhagic shock, hypovolemic shock, allergic reactions and anaphylactic shock, spinal and neurogenic shock, septic and burn shock.

Transport:

characteristics,
types of transport - primary, secondary,
indication of transport to trauma centre,
transport trauma,
specifics of transport in selected conditions (transport of newborns, organ donors, burns patients, etc.)
specifics of air transport.

As part of a medical emergencies:

management of prehospital emergency healthcare,
algorithm for acute conditions,
current knowledge on selected topics,
analysis of case reports,
solving model situations.

Recommended literature :

Recommended literature:

ADAMS, B. A KOL., 1999. SESTRA A AKUTNÍ STAVY OD A PO Z. PRAHA: GRADA PUBLISHING. 488 S. ISBN 80-7169-893-8.
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Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of the student in seminars min. 90%.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 43

A	B	C	D	E	FX
0%	44%	37%	16%	2%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. Michal Hudák, co-guarantor, lecturer, examiner, instructor, seminary supervisor PhDr. Martina Vitková, co-guarantor, lecturer, examiner, instructor Ing. Bc. MSc. Danko Boguská, PhD., lecturer, examiner, instructor, seminary supervisor Ing. Bc. Marek Žifčák, MPH, co-guarantor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/UZZS4e/22</i>	Course title: <i>Emergency healthcare 4</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>3 hour per week, 39 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>3rd year ST emergency health care (UZSe3)</i> <i>4th year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/UZZS3e/22 - Emergency healthcare 3</i>	
Conditions for passing the course: Form of assessment: <i>UZZS 3 - Emergency healthcare 3</i> Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of the student in seminars min. 90%,</i> <i>continuous testing in selected topics - max. 100 points, the score of the student must be at least 50%,</i> <i>individual studies (30 hours).</i> <i>Final assessment:</i> <i>The student draws one question within the scope of subject matter for the whole study period and after preparing responses as per the algorithm for dealing with acute conditions (assessment of the situation, risk assessment, examination of the patient, diagnostics, establishing a working diagnosis, patient monitoring, pharmacological and non-pharmacological treatment, patient transport and referral) in accordance with Decree no. 334/2010 Coll. Slovak Ministry of Health of 09.07.2010 amending and supplementing Decree of the Ministry of Health of the Slovak Republic no. 321/2005 Coll. on the scope of practice of some medical professions, as amended.</i> <i>External form of study: 30 contact hours (seminar)/semester, non-contact education 30 hours/semester, total demand on student 60 hours, combined method of education</i> Final evaluation: <i>Overall assessment is calculated from the average of partial assessments – oral response and solving a model situation as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>The student will gain knowledge and skills from emergency health care in selected conditions that were the subject of the study content.</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student has to demonstrate at the declarative level theoretical and practical skills for performances performed by the emergency medical crew in the care of patients with pain, intoxication, infection and psychiatric patients.</i> Skills: <i>VV2 The student has a cognitive and practical ability to apply knowledge in dealing with the intervention of the emergency medical crew in the diagnosis and treatment of patients with pain, intoxication, infection and</i>	

psychiatric patients.

Competences:

VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain medical professions

Course content:

Brief syllabus of the subject:

Intoxication:

general characteristics, classification, examination of the patient, measures for intoxication, elimination methods, antidotes, most common intoxications, inhalation, food, mushrooms, alcohol, medicines, organophosphates, animal poisons, drugs.

Emergency conditions in Psychiatry:

neuro-vegetative dystonia, aggression and aggressiveness, acute psychosis, state of confusion, depression, the issue of suicide and suicidality.

Infections:

general characteristics, classification, sepsis and septic shock, meningococcal sepsis, severe pneumonia, H1N1 flu nosocomial infections, professional infections.

Pain:

general characteristics, classification, examination of a patient in pain, treatment of pain, acute pain syndromes.

As part of a medical emergencies:

management of prehospital emergency healthcare, algorithm for acute conditions, analysis of case reports, solving model situations.

Recommended literature :

Recommended literature:

ADAMS, B. A KOL., 1999. *SESTRA A AKUTNÍ STAVY OD A PO Z. PRAHA: GRADA PUBLISHING. 488 S. ISBN 80-7169-893-8.*
BOGUSKÁ, D. ET AL., 2019. *URGENTNÁ ZDRAVOTNÁ STAROSTLIVOSŤ. PREŠOV: VYDAVATELSTVO PREŠOVSKÉJ UNIVERZITY V PREŠOVE. 255 S. ISBN 978-80-555-2291-3*
BULÍKOVÁ, T., 2010. *OD SYMPTÓMU K DIAGNÓZE V ZÁCHRANNEJ ZDRAVOTNEJ SLUŽBE. MARTIN: VYDAVATELSTVO OSVETA. 148 S. ISBN 978-80-8063-334-9.*
BYDŽOVSKÝ, J., 2008. *AKUTNÍ STAVY V KONTEXTU. PRAHA: TRITON. 456 S. ISBN 978- 80-725-4815-6.*
BYDŽOVSKÝ, J., 2010. *DIFERENCIÁLNÍ DIAGNOSTIKA NEJČASTEJŠÍCH SYMPTOMU. PRAHA: TRITON. 188 S. ISBN 978- 80-7387 - 352-3.*
BYDŽOVSKÝ, J., 2010. *TABULKY PRO MEDICÍNU PRVNÍHO KONTAKTU. PRAHA: TRITON. 239 S. ISBN 978- 80-7387 - 351-6.*
DOBIÁŠ, V. A KOL., 2013. *KLINICKÁ PROPEDEUTIKA V URGENTNEJ MEDICÍNE. PRAHA: GRADA PUBLISHING. 208 S. ISBN 978-80-247-4570-1.*
DOBIÁŠ, V. A KOL., 2012. *PREDNEMOCNIČNÁ URGENTNÁ MEDICÍNA. MARTIN: VYDAVATELSTVO OSVETA. 738 S. ISBN 978-80-8063-384-5.*
ERTLOVÁ F., MUCHA J. A KOL., 2003. *PŘEDNEMOCNIČNÍ NEODKLADNÍ PÉČE. BRNO: NÁR. CENTRUM OŠETŘ. A NELÉKAŘ. ZDRAVT. OBORŮ. 368 S. ISBN 80-7013-379-1.*
KARDIOPULMONÁLNA RESUSCITÁCIA 2020. *ODPORÚČANIA ERC 2020 [ON LINE]. 2020 DOSTUPNÉ Z: HTTP://WWW.SSAIM.SK/DOCUMENTS/KPR_2020 ERC_KOMPLETNÝ_PREKLAD-102012.PDF*
MARINELLA, A. M., 2007. *ČASTO PŘEHLEDNUTÉ DIAGNÓZY V AKUTNÍ PEČI. PRAHA: GRADA PUBLISHING. 137 S. ISBN 978-80-247-1735-7.*

MASÁR, O. A KOL., 2009. ZÁKLADY URGENTNEJ MEDICÍNY. BRATISLAVA: UK. 146 S. ISBN 978-80-223-2649-0.
 MASÁR, O. A KOL., 2012. URGENTNÁ MEDICÍNA PRE MEDIKOV. BRATISLAVA: UK. 175 S. ISBN 978-80-223-3262-0.
 POKORNÝ, J. A KOL., 2010. LÉKAŘSKÁ PRVNÍ POMOC. . 2. VYD. PRAHA: GALÉN. 474 S. ISBN 978-80-7262-322-8.
 REMEŠ, R. - TRNOVSKÁ, S. A KOL., 2013. PRAKTICKÁ PŘÍRUČKA PŘEDNEMOCNIČNÍ URGENTNÍ MEDICÍNY. PRAHA: GRADA PUBLISHING. 240 S. ISBN 978-80-247-4530-5.
 SHILING MCCANN J., A. A KOL., 2008. SESTRA A URGENTNÍ STAVY. PRAHA: GRADA PUBLISHING. 552 S. ISBN 978-80-247-2548-2.
 ŠEBLOVÁ, J. - KNOR, J. A KOL., 2013. URGENTNÍ MEDICÍNA V KLINICKÉ PRAXI LÉKAŘE. 1. VYD. PRAHA: GRADA PUBLISHING. 416 S. ISBN 978-80-247-4434-6.
 ZAZULA, R. ET AL., 2019. ZÁCHRANÁRSKA TECHNIKA A TECHNOLOGIE. PREŠOV: VYDAVATELSTVO PREŠOVSKÉJ UNIVERZITY V PREŠOVE. 194 S. ISBN 978-80-555-2290-6.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of the student in seminars min. 90%

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 42

A	B	C	D	E	FX
31%	40%	7%	17%	5%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Marián Kuchárik, co-guarantor, lecturer, examiner, instructor Ing. Bc. MSc. Danka Boguská, PhD., lecturer, examiner, instructor, seminary supervisor Ing. Bc. Marek Žifčák, MPH, co-guarantor PhDr. Martina Vítková, co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/VNLEKe/22</i>	Course title: <i>Internal medicine</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>compulsory attendance of the student at lectures min. 80%,</i> • <i>continuous assessment:</i> <ul style="list-style-type: none"> - <i>one more extensive seminar paper (10 hours), https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf</i> - <i>individual self-study (24 hours).</i> <i>Final assessment:</i> <ul style="list-style-type: none"> - <i>final knowledge test with a minimum of 50% success,</i> - <i>oral test after successful submission of a more extensive seminar paper on an assigned topic.</i> <i>Daily form of study: 26 contact hours/semester, 2 hours (lecture)/week, non-contact education 34 hours/semester, total demand on student 60 hours, presence method of education</i> Final evaluation: <i>Overall assessment is calculated as the average of assessments of the seminar paper, final knowledge test and oral response as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, the student will be able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student at the declarative level has an adequate level of understanding and ability to characterize procedures in acute conditions in internal medicine in relation to emergency medicine.</i> Skills: <i>VV2 The student has a cognitive and practical ability to apply knowledge in the field of diagnostics and determination of procedures for the treatment of emergencies in internal medicine.</i> Competences: <i>VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain medical professions</i>	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • <i>basics of clinical propaedeutics in internal medicine,</i> • <i>symptomatology in internal medicine,</i> • <i>acute conditions in cardiology,</i> • <i>acute conditions in pneumology,</i> 	

- acute conditions in angiology,
- disorders of the metabolism of water, minerals, carbohydrates, fats and proteins,
- acute conditions in diseases of the organs in the abdomen – acute abdomen,
- acute conditions in diabetology and endocrinology,
- shock conditions in internal medicine.

Recommended literature :

Recommended literature:

ĎURIŠ, I., HULÍN, I., BERNADIČ, M., 2001. *Princípy internej medicíny I. diel – Vyšetrenie pacienta*. Bratislava: SAP. 243 s.
 KRČMÉRY, S., HRUŠOVSKÝ, Š., DÚBRAVA, M., 2004. *Interná medicína I.-II*. Trnava: Vysokoškolská učebnica, SAP - Slovak Academic Press, spol. s r.o., Bratislava. ISBN 80-80104-41-X, s.196.

ŠAFRÁNKOVÁ, A., NEJEDLÁ, M., 2006. *Interní ošetřovatelství I*. Praha: Grada Publishing. 276 s. ISBN 80-247-1148-6.

VÖRÖSOVÁ, G. a kol., 2000. *Interné ošetrovatelstvo*. Martin: Osveta. 114 s. ISBN 80-8063-051-8.

ZADÁK, H. a kol., 2007. *Intenzivní medicína na principech vnitřního lékařství*. Praha: Grada Publishing. 331 s. ISBN 978-80-247-2099-9.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory attendance of the student at lectures min. 80%.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 92

A	B	C	D	E	FX
21%	25%	25%	12%	13%	4%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor doc. MUDr. Oleksandr Kishko, CSc., co-guarantor, lecturer, examiner, instructor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ZAAIMe/22</i>	Course title: <i>Basics of Anaesthesiology and Intensive Medicine</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>2nd year WT emergency health care (UZSe3)</i> <i>4th year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <i>compulsory participation of student in direct education min. 80%,</i> <i>continuous testing in selected topics - max. 100 points, the score of the student must be at least 50%,</i> <i>individual studies (4 hours).</i> <i>External form of study: 26 contact hours (lecture)/semester, non-contact education 4 hours/semester, total demand on student 30 hours, combined form of education</i> <i>Final assessment:</i> • <i>final knowledge test with a minimum of 50% success.</i>	
Final evaluation: <i>Overall assessment is calculated on the basis of the average of partial assessments - results of continuous testing on selected topics and the final test as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able / are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <i>VV1 acquisition of knowledge in the field of anesthesiology, resuscitation and intensive care,</i> <i>which will enable him understand the clinical context of the field,</i> <i>VV2 characterization of the concept of the field of anesthesiology and intensive care medicine, basics of anesthesia,</i> <i>VV3 explanation of basic procedures in intensive care medicine,</i> <i>VV4 defining the knowledge of polytrauma patient management,</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <i>VV5 to implement pre-anesthetic and psychological preparation in the patient,</i> <i>VV6 perform various methods of anesthesia and patient monitoring after surgery,</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <i>VV7 has competencies in accordance with the Decree of the Ministry of Health of the Slovak</i> <i>Republic No. 151/2018 Coll., Which determines the scope of practice in certain health</i> <i>professions, as amended.</i> https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/	

Course content:

Brief syllabus of the subject:

*conception of the field of anaesthesiology, intensive medicine,
history of anaesthesia and intensive medicine,
basics of anaesthesia, anaesthesia machine, tools for anaesthesia,
preanaesthetic examination, mental preparation,
safety culture,
respiratory protection,
preparation of the patient, premedication wake-up and patient care in the immediate postoperative period,
complicating diseases, management and selection of anaesthesia during operational or invasive diagnostic procedures of anaesthesia,
different methods of anaesthesia, medicine and technical support.
monitoring, postoperative monitoring,
cardiopulmonary resuscitation,
basic procedures in intensive care - mechanical ventilation, infusion therapy, fluid resuscitation,
critically ill patient
shock and its management (individual types of shock)
management of polytrauma patient,
treatment of pain,
ethical problems in intensive medicine.*

Recommended literature :

Recommended literature:

ADAMUS, M. a kol. 2012. Základy anesteziologie, intenzivní medicíny a léčby bolesti. 2. vyd. Univerzita Palackého v Olomouci. 2012, 359 s., ISBN 978-80-244-2996-0.
DOBIÁŠ, V. a kol. 2021. Urgentná medicína prednemocničná, nemocničná, pre dospelých a deti. 3. vyd. Martin: Vydavateľstvo Osveta, 2021, 1137 s., ISBN 978-80-8063-499-5.
DOSTÁL, P. a kol. 2018. Základy umělé plicní ventilace. 4. rozšířené vyd. Praha: MAXDORF, 2018, 437 s., ISBN 978-80-7345-562-0.
FIRMINT, J. a kol. 2020. Anestéziológia a intenzívna medicína pre študentov lekárskej fakulty. 2. vyd. Košice: UPJŠ Košice, 2020. 226 s. ISBN 978-80-8152-843-9.
LARSEN, R. 2004. Anestezie. 7. vyd. Praha: Grada Publishing. 2004, 1359 s., ISBN: 802470476
Kardiopulmonálna resuscitácia . Odporúčania ERC 2021 [on line]. 2021 Dostupné na internete <http://www.srr.sk>
ŠEVČÍK, P. a kol. 2014. Intenzivní medicína. Praha: Galén. 2014, 1195 s., ISBN 978-80-7492-066-0.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation in lectures min. 90%.

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are published on the faculty's website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 43

A	B	C	D	E	FX
2%	16%	58%	21%	2%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor, co-guarantor, lecturer, examiner, instructor, seminary supervisor

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ZABBR/22</i>	Course title: <i>Basics of biophysics, biochemistry and radiology</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>2 hour per week, 26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>passing 3 written interim tests on selected topics, the score of the student must be at least 50%, https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf</i> • <i>individual studies (34 hours).</i> <i>External form of study: 26 contact hours (lecture)/semester, non-contact education 34 hours/semester, total demand on student 60 hours, combined form of education</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • <i>final knowledge test with a minimum of 50% success.</i> Final evaluation: <i>Final rating:</i> <ul style="list-style-type: none"> • <i>final knowledge test with min. 50% success rate.</i> <i>The student's overall evaluation is calculated as the average of the evaluation of the results of continuous written tests and the final test according to the following evaluation scale:</i> <ul style="list-style-type: none"> <i>A - 100.00 - 90.00%</i> <i>B - 89.99 - 80.00%</i> <i>C - 79.99 - 70.00%</i> <i>D - 69.99 - 60.00%</i> <i>E - 59.99 - 50.00%</i> <i>FX - 49.99 and less%</i> <i>The final evaluation will be awarded on the basis of meeting all the above requirements according to the classification scale A, B, C, D, E, FX - Study Regulations PU in Prešov at https://www.unipo.sk/fakulta-zdravotnictva/vzdelavanie1/</i>	
Learning outcomes: <i>After completing the course, students are able / are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <ul style="list-style-type: none"> <i>VV1 explanation of the physical basis of physiological processes in the body.</i> <i>VV2 characterization of the importance of biophysics in terms of diagnosis of some diseases.</i> <i>VV3 description of radiation diagnosis and therapy, including non-ionizing radiation methodologies, examination procedures, patient care during diagnostic and therapeutic procedures.</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <ul style="list-style-type: none"> <i>VV4 to apply the acquired knowledge in clinical and nursing fields.</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i>	

VV5 demonstration of theoretical knowledge of medical chemistry and biochemistry focused on biochemical processes in healthy and diseased organisms.

VV6 demonstration of the ability to adhere to the principles of safety and health of the patient and himself.

VV7 demonstration of mastery of patient care at all ages before, during and after diagnostic and therapeutic procedures.

Course content:

Biophysics:

Cell-structure, muscles-muscle contraction, respiration, blood circulation, the essence of sensory perception, sensing and recording of electrical and non-electrical biosignals, interaction with the environment, heat treatment methods, interaction of electric and magnetic fields with living systems.

Biochemistry:

Characteristics of biochemistry, elements, organic and inorganic substances, compounds, enzymes, carbohydrates, lipids, proteins, biological oxidation, DNA, RNA, proteosynthesis, genetic code, metabolism, hormones, analysis of blood, urine.

Radiology:

Radiological departments, radiodiagnostics, contrast agents, patient care, radiotherapy, nuclear medicine, radiopharmaceuticals, diagnostic and therapeutic procedures and methods, safety and health protection in radiological workplaces and departments of nuclear medicine.

Recommended literature :

HORŇÁKOVÁ, A., CHMELÍK, M. MIŽENKOVÁ, E. SLANINKOVÁ J. 2018. Základy zobrazovacích metód v rádiologickej technike I.: manuál pre výučbu odbornej praxe. Prešov: Prešovská univerzita v Prešove, 2018, 110s., ISBN 978-80-555-2068-1.

KUNA, P. a kol. 2005. Klinická rádiobiologie. Praha: MANUS. ISBN 10-80-86571-09-2.

ŠAJTER, V. a kol. 2006. Biofyzika, biochémia a rádiológia. Martin: Osveta, 272 s. ISBN 80-80-63-210- 3.

HEŘMAN, M. a kol. 2014. Základy radiologie. Univerzita Palackého v Olomouci. I. vydání. 2014. 314s. ISBN 978-80-244-2901-4.

NEKULA, J. a kol. 2001. Radiologie. Olomouc: UP. 205 s. ISBN 80-244-0259-9.

SEIDL, Z. a kol. 2012 Radiologie pro studium i praxi. Grada Publishing a.s. 2012 368 s., ISBN 978-80-247-4108-6.

ROSINA, J. a kol. 2013. Biofyzika pro zdravotnické a biomedicínské odbory. Grada Publishing, a.s. 2013, 224s. ISBN 978-80-247-4237-3.

Language which is necessary to complete the course: *Slovak*

Notes:

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 163

A	B	C	D	E	FX
21%	28%	20%	6%	2%	23%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor RNDr. Anna Horňáková, PhD., co-guarantor, lecturer, examiner

Date of last change: 01.09.2022

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ZAKTOe/22</i>	Course title: <i>Basics of cartography and topography</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>1 hour per week, 13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe3)</i> <i>3rd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of the student in seminars min. 90 %, • submission of reports of seminary tasks (e.g. cranked profile of relief) until deadline, https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf • be able to read the map, master the map markers and practical skills on the map, • know how to properly navigate the terrain, • pass a final test at least 50 %. <i>Final assessment:</i> <ul style="list-style-type: none"> • Final theoretical knowledge test with minimum mark of 50 %. <i>External form of study:</i> 13 contact lessons (seminar)/semester, non-contact education: 17 lessons/semester, total demand on student: 30 lessons, combined method of education	
Final evaluation: <i>Overall assessment is calculated as the average of assessment of the theoretical test and practical exercise as per the following percentage scale:</i> <ul style="list-style-type: none"> A - 100,00 – 90,00 % B - 89,99 – 80,00 % C - 79,99 – 70,00 % D - 69,99 – 60,00 % E - 59,99 – 50,00 % FX - 49,99 and less % 	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able/are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <ul style="list-style-type: none"> VV1 definition and interpretation of basic terms from cartography and topography in their own words. VV2 description of the basic content of maps (topography, elevation, relief and its representation, description of the map). <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <ul style="list-style-type: none"> VV3 to apply solutions to basic tasks of working with a map (determination of geographical coordinates, measurement of longitudes, angles and areas, determination and use of map scale, map orientation according to the compass and situation). <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <ul style="list-style-type: none"> VV4 demonstrations to select and plan the most suitable route of movement through the terrain depending on the relief and anthropogenic elements, by reading the map. 	

Course content:*Course Syllabus:*

- *Cartography as a scientific discipline, sub-discipline of cartography, the object and the importance of cartography. Topography.*
- *Display of the Earth, the Earth's shape, reference units.*
- *The basic formal and content elements of map (hypsometry, topography). The form of depiction.*
- *Basic cartographic concepts (latitude and longitude, meridian, parallel, projection's formulas...).*
- *Map projections and distortions.*
- *Basic elements of the map.*
- *Knowledge verification – basic elements of the map. Map scale.*
- *Cartographical and graphical methods of map expression.*
- *Reading the map and orientation on the map – izohyps, substract the altitude, the lines of the saddles, the lines of the valleys, choosing the best route, determine the azimuth.*
- *Knowledge verification – reading the map, orientation on the map. The measurement of lengths, areas and angles on the maps. Construct broken profile relief.*
- *Techniques used for orientation in the field (compass, GPS). Use of the laser rangefinder. Original and derived maps. Approach of original maps creation.*
- *Orientation by natural phenomena and artificial aids. Movement on marked trails.*
- *Knowledge verification – final written test of knowledge.*

Practical practicing of basic knowledge and skills, work with a map and compass:

- *Solving basic tasks on the maps (map orientation, determination of coordinates, measurement of lengths, angles and areas, identify and use the map scale).*
- *Orientation in the field.*

Recommended literature :*Recommended literature:*

HOJOVEC, V a kol., 1987. Kartografie. Geografický a kartografický podnik. Praha. 660 s.

JUNGER, J. a kol., 2002. Turistika a športy v prírode. Prešov: FHPV PU. 266 s. ISBN 80-80-68-09-73.

NOVÁK, V. – MURDYCH, Z. 1988. Kartografie a topografie. Praha: SPN. 320 s.

SEKO, L., 1985. Kartografia a topografia. Bratislava: Univerzita Komenského. 203 s.

Language which is necessary to complete the course: Slovak**Notes:**

Notes: compulsory participation of the student in seminars: min. 90 %. For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured.

Course evaluation:

Total number of students evaluated: 63

A	B	C	D	E	FX
5%	17%	19%	27%	30%	2%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor RNDr. Monika Ivanová, PhD., co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ZATECh/22</i>	Course title: <i>Rescue equipment</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>4 hour per week, 52 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>3</i>	
Recommended semester: <i>1st year ST emergency health care (UZSe4) emergency health care (UZSe3)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/OSTUS/22 - Nursing techniques</i>	
Conditions for passing the course: Form of assessment: <i>OSTUS - Nursing technique</i> Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of the student in seminars min. 90%, • individual self-study (28 hours). <i>Continuous assessment:</i> <ul style="list-style-type: none"> - during the course of the semester the student produces and submits a more extensive seminar paper on an assigned topic (10 hours of individual student work), - completion of interim knowledge tests after every finished topic with at least 50% success. <i>Final assessment:</i> <ul style="list-style-type: none"> - final knowledge test with a minimum of 50% success, - practical exam, after successful completion of the knowledge test, - theoretical part – oral test – after successful completion of the practical part of the exam. <i>External form of study:</i> 52 contact hours (seminar)/ semester, non-contact education 38 hours/semester, total demand on student 90 hours, combined method of education	
Final evaluation: <i>Overall assessment is calculated as the average of assessments of interim tests, the seminar paper, final knowledge test, practical exam and oral response as per the following percentage scale:</i> <ul style="list-style-type: none"> <i>A 100%-92%</i> <i>B 91%-84%</i> <i>C 83%-76%</i> <i>D 75%-65%</i> <i>E 64%-50%</i> <i>FX 49% and less</i> 	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student has to demonstrate theoretical and practical skills for the performance of the emergency medical crew with complete instrumentation at the declarative level.</i> Skills: <i>VV2 The student has, especially in the level of cognitive and practical ability to apply knowledge in the field of intervention of the emergency response crew using instrumentation.</i> Competences: <i>VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain medical professions</i> <i>The student after completing this subject will be able particularly to:</i> <ul style="list-style-type: none"> • demonstrate knowledge of the organization and of EMS interventions and the specifics of working in the 	

field,

- maintain the principles of disinfection and sterilization in the conditions of EMS,
- name and classify the complete material-technical provision of and EMS ambulance,
- use the instrumentation equipment of an EMS ambulance,
- measure and monitor the patient's vital signs using the instrumentation of an EMS ambulance,
- perform primary and secondary examination of a patient,
- write documentation (record of assessment of the patient's health status),
- correctly use transport and immobilization means depending on the scale and nature of the injury,
- immobilize the patient using immobilizing means maintaining all principles in immobilisation,
- position the patient,
- be able to keep airways open,
- ventilate the patient manually with a bag valve mask,
- introduce an oral airway and maintain airway's patency,
- name methods of securing airways including alternatives,
- introduce supraglottic and subglottic devices,
- demonstrate a theoretical knowledge of the principles, indications and contraindications for oxygen therapy.
- administer oxygen therapy,
- name medicine groups, types and forms of medicines used in EMS, indications, contraindications,
- administer medicines through an endotracheal cannula,
- perform setup of a monitor and use a monitor with a defibrillator,
- demonstrate knowledge of defibrillation of the patient,
- use automatic external defibrillator and semi-automatic defibrillator,
- do a 12-lead ECG and make a basic description of the ECG,
- use intraosseous access and apply medicine intraosseously,
- use and set up infusion pumps and a perfusor,
- use the kit for burns, chest drainage kit with tension pneumothorax, kit for birth delivery in the field,
- demonstrate knowledge of principles, practices, techniques and indications of chest drainage and assist a doctor in the performance,
- delivery birth in the field, treat the mother and newborn,
- ensure the safety of landing area and navigate helicopter,
- provide care for the body of a dead person.

Course content:

Brief syllabus of the subject:

- Organization of an EMS intervention, specifications of fieldwork, legislative competence and security for an EMS paramedic.
- Principles of disinfection and sterilization in terms of EMS / specifics of nosocomial infections in EMS, decontamination of aids, disinfection of ambulance vehicle.
- Protective equipment in EMS material-technical provision of EMS ambulance, instrumentation, equipment of the emergency vehicle.
- EMS legislation.
- Primary and secondary examination of the patient.

Collecting medical history data, (types of history, ethical approach of the rescuer, maintaining confidentiality).

- Monitoring the evaluation and recording of vital functions (VF) of the patient (BP, P, D, TT, SpO₂, ECG, blood glucose), establishing a working diagnosis.
- The technique of pulse oximetry (measurement of oxygen saturation in adults and children, ETCO₂ measurement).
- Monitor the patient's vital signs by instrumentation, measuring the pulse oximetry technique of measuring glycaemia with blood glucose meter in prehospital care.
- Record of the assessment of health status of the patient, working with EMS documentation.
- Positioning the patient in specific acute conditions..
- Patient transport (transport means and modes of transportation).
- Immobilization techniques (immobilization of extremities and spine, using fixation means, fitting a cervical fixation collar, using a spine board, short spine board, fixing limbs with Kramer and pneumatic splints).
- Care for airways and respiration: securing the patency of the airway without using equipment (technique of implementation of oral and nasopharyngeal airway), paramedic assistance in securing the airway by endotracheal intubation (ETI) – preparation of aids, progress of performance, alternative techniques for ensuring airways (supraglottic and subglottic aids, using suction devices (extraction from airway and endotracheal tube) equipment, self-ventilation of the patient using a breathing bag via a face mask, oxygen administration in adults and children (the principle of treatment, indications, contraindications and method of application), handling oxygen bottles, mechanical ventilation, in prehospital care (methods and parameters in artificial ventilation, adjusting breathing apparatus, connecting the patient to artificial ventilation).
- technique of intraosseous access (using intraosseous access kit, indications and contraindications for intraosseous access, equipment of intraosseous access and securing access, administering medicines and infusion with intraosseous access.

- Application of infusion pumps, injector, technique of pressurized infusion using an insulin pump.
- Technique of application of EPIPEN and GLUCAGON.
- Medicine provisions of EMS ambulance, medicine groups, types and forms of medicine used in EMS, indications, contra-indications, forms of administration of drugs in anaesthesia or analgesia in terms of EMS.
- Working with LIFEPAK - setting the parameters and functions of the device, the operator monitor, defibrillator, connection to patient ECG creating a record of the 12 lead ECG and evaluation.
- AED – automated external defibrillation.
- Defibrillation with semi-automatic defibrillator in the conditions of EMS.
- Use of kit for treatment of amputee.
- Use of kit for chest drainage (indications, technique of thoracentesis of a tension pneumothorax - assistance in the performance).
- Use of a kit for treatment of heat burns and chemical burns in prehospital care.
- Gastric lavage in the field (process, equipment, specifications, indication, sampling of stomach contents).
- Childbirth in the field (examination of mother, labour time, content of birthing package, delivering birth, the newborn, determination of APGAR score, treatment after delivery, delivery of the placenta).
- Navigate helicopter, indications for deployment Helicopter Emergency Medical Service (HEMS), choice of terrain for landing medicopter, safety, identification and marking of landing area, navigation symbols.
- Procedure for the death of a patient (legislation, documentation, reporting obligations, competencies of paramedic in patient death).

Recommended literature :

Recommended literature:

- ADAMS, B. a kol., 1999. *Sestra a akutní stavy od A po Z*. Praha: Grada Publishing. 488 s. ISBN 80-7169-893-8.
- BOGUSKÁ, D. et al., 2019. *Urgentná zdravotná starostlivosť*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 255 s. ISBN 978-80-555-2291-3.
- BYDŽOVSKÝ, J., 2008. *Akutní stavy v kontextu*. Praha: Triton. 456 s. ISBN 978-80-7254-815-6.
- BYDŽOVSKÝ, J., 2010. *Diferenciální diagnostika nejčastějších symptomů*. Praha: Triton. 144 s. ISBN 978-80-7387-352-3.
- DOBIÁŠ, V. a kol., 2012. *Prednemocničná urgentná medicína*. Martin: Osveta. 740 s. ISBN 978-80-8063-387-5.
- KELNÁROVÁ, J., J. TOUFAROVÁ, J. VÁŇOVÁ, Z. ČÍKOVÁ, 2012. *První pomoc I*. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.
- KELNÁROVÁ, J., J. TOUFAROVÁ, Z. ČÍKOVÁ, E. MATĚJKOVÁ, J. VÁŇOVÁ, 2013. *První pomoc II*. Praha: Grada Publishing. 192s. ISBN 978-80-247-4200-7.
- POKORNÝ J. et. al., 2010. *Lékařská první pomoc*. Praha: Galén. ISBN 978-80-7262-322-8.
- POKORNÝ, J. et. al., 2004. *Urgentní medicína*. Praha: Galén. 547s. ISBN 80-7262-259-5.
- SHILING McCANN J., A. a kol., 2008. *Sestra a urgentní stavy*. Praha: Grada Publishing. 552 s. ISBN 978-80-247-2548-2.
- ZAZULA, R. et al., 2019. *Záchranárska technika a technológie*. Prešov: Vydavateľstvo Prešovskej univerzity v Prešove. 194 s. ISBN 978-80-555-2290-6.

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation of the student in seminars min. 90%.

For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 152

A	B	C	D	E	FX
33%	13%	12%	11%	5%	26%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. MSc. Danko Boguská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor Ing. Bc. Marek Žifčák, MPH, co-guarantor, lecturer, examiner, instructor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ZAVYKe/22</i>	Course title: <i>Basics of research and seminar for final dissertation</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture, Seminar</i> Scope of educational activity: <i>1,1 hour per week, 13,13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>2nd year ST emergency health care (UZSe3)</i> <i>3rd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>lectures: interim tests and assigned tasks- the score of the student must be at least 50%, (https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf)</i> • <i>seminar: developing a pilot project of bachelor thesis focusing on pre-hospital health care (processing of introductory parties and 1 chapter of bachelor thesis, including the draft practical part of the bachelor thesis under the current Rector's directive to final work).</i> • <i>individual self-study (4 hours).</i> <i>External form of study: 13 contact hours (lecture) /semester, 13 hours (seminar) /semester, non-contact education 4 hours/semester, total demand on student 30 hours, combined form of education.</i> <i>Final assessment:</i> <ul style="list-style-type: none"> • <i>final knowledge test with a minimum of 50% success.</i> Final evaluation: <i>Overall assessment is calculated on the basis of the average assessment of results of interim testing and the final knowledge test as per the following percentage scale:</i> <i>A - 100.00 – 90.00 %</i> <i>B - 89.99 – 80.00 %</i> <i>C - 79.99 – 70.00 %</i> <i>D - 69.99 – 60.00 %</i> <i>E - 59.99 – 50.00 %</i> <i>FX - 49.99 and lower %</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <i>VV 1: Following familiar with basic information, a student has an adequate rate of understanding and abilities for the declarative level for description and explanation of scientific research, its phases and methods, including ethical aspects of research work.</i> Skills: <i>VV 2: The student mainly has a plane of cognitive and practical competence to apply knowledge in the area of work with scientific and professional literature, the formulation of research problems, the preparation of a research plan, the specific use of collection, analysis and interpretation methods.</i> Competence: <i>VV 3: The student can use the knowledge for professional and personality development, especially in the form of independence in preparation and defense of bachelor thesis.</i>	
Course content: <i>Brief syllabus of the subject:</i> <i>Lectures</i>	

- *Definition of research. Types of research in the paramedical fields.*
- *Ethical principles of scientific work.*
- *The research process. Phases of the research process.*
- *The methods, procedures and techniques of data collection and data evaluation in research in the paramedical fields.*
- *Publication and presentation of research results.*

Seminar

- *Choice of research topics and defining the research problem.*
- *Defining the objectives of the research.*
- *Detection of the state of knowledge about the problem - manuals and on-line information retrieval - library database.*
- *Choice of research sample - selection criteria.*
- *Choice of research methods - data collection.*
- *Choice of research methods of production and analysis.*
- *Development of a research project - research plan.*
- *Statistical methods of data analysis.*
- *Methods of interpretation of research results - tables, graphs.*
- *Method of presentation of research results.*
- *Bachelor's dissertation and its meaning and justification. Schedule of dissertation and cooperation with supervisor, outline of the bachelor's dissertation.*
- *Specifics of the theoretical and practical part of BP.*
- *Baseline standards and requirements for writing the thesis.*
- *The basic stages of preparation of the master's dissertation and timetable, structure and major parts of the bachelor's dissertation.*
- *Quoting a list of references at work.*
- *Requirements for formal aspects in the development of the dissertation.*
- *Method of presentation of research results. Defence of final dissertation.*

Recommended literature :

Recommended literature:

Čižnár I. a kol. *Základy vedeckovýskumnej práce.* Bratislava: SZU, 2012. http://www.szu.sk/userfiles/file/FVZ/Na_stiahnutie/zaverecne_prace/Zakladyvedeckovyskumnejprace.pdf

Hlavatý T. *Základy klinického výskumu.* Praha: Grada Publishing, 2016.

Hanáček J., Javorka K. *Vedecká príprava.* Martin: Vyd. Osveta, 2010

Kutnohorská J.: *Výzkum v ošetrovatelství.* Praha: Grada Publishing, 2009

Meško D. a kol.: *Medinfo 1 – praktická príručka pre lekárov, zdravotníkov a študentov.* Martin: Vyd. Osveta, 2005

Meško D., Katuščák D. a kol. *Akademická príručka.* Martin: Vyd. Osveta, 2013

Katuščák, V.: *Ako písať vysokoškolské a kvalifikačné práce.* Bratislava: Stimul, 2007

Kimlička, Š.: *Ako citovať a vytvárať oznamy bibliografických odkazov podľa noriem ISO 690 pre klasické a elektronické zdroje.* Bratislava: Stimul, 2002.

Smernica rektora PU k záverečným prácam, 2019

Elektronická učebnica pedagogického výskumu. Dostupné na: <http://www.e-metodologia.fedu.uniba.sk/index.php/kapitoly/informacna-priprava-vyskumu.php?id=i4>

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation in lectures min 80%, participation in exercises min. 80%.

For students with specific needs, individualized access on the recommendation of the Faculty Coordinator for students with specific needs is ensured

Course evaluation:

Total number of students evaluated: 65

A	B	C	D	E	FX
37%	26%	17%	6%	6%	8%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Martina Reľovská, PhD., co-guarantor, lecturer, examiner, instructor, seminary supervisor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ZDMK1e/22</i>	Course title: <i>Healthcare and crisis management 1</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>1 hour per week, 13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>2nd year WT emergency health care (UZSe3)</i> <i>3rd year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • <i>individual self-study (10 hours),</i> • <i>completing the final knowledge test with min. 50% success,</i> • <i>during the semester the student prepares and submits a shorter seminar paper on a selected topic (7 hours of individual student work). https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf</i> <i>External form of study: 13 contact hours (lecture)/ semester, non-contact education 17 hours/semester, total demand on student 30 hours, combined method of education</i> Final evaluation: <i>Overall assessment is calculated as the average of assessments of the seminar work and the knowledge test as per the following percentage scale:</i> <i>A-100% - 92%</i> <i>B-91% - 84%</i> <i>C-83% - 76%</i> <i>D-75% - 65%,</i> <i>E-64% - 50%</i> <i>FX-49% and less</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing this subject the student can:</i> Knowledge: <ul style="list-style-type: none"> • <i>After getting acquainted with the basic knowledge and information, the student has an adequate level of understanding and skills at the declarative level for:</i> • <i>VV1 definition of basic concepts in the management of medical facilities</i> • <i>VV2 characterization of individual levels of management in healthcare</i> • <i>VV3 characterization of assumptions, tasks and roles of health managers</i> • <i>VV4 characterization of managerial functions in a medical facility</i> • <i>VV5 defining quality in healthcare and quality indicators</i> • <i>VV6 explanation of eHealth functions</i> • <i>VV7 defining principles in crisis management in healthcare</i> Skills <ul style="list-style-type: none"> • <i>The student has the ability to apply knowledge in the field of cognitive and practical:</i> • <i>VV8 to propose effective management solutions in medical practice</i> • <i>VV9 to plan goals for building and continuously improving the quality system in the medical facility</i> • <i>VV10 set recommendations for improving the quality of care provided</i> • <i>VV11 to synthesize and integrate knowledge from health management with an emphasis on efficiency, transparency and continuous quality improvement in the process of health care provided</i> 	

Competences

- The student is able to use the knowledge for professional and personal development, especially in the form of:
- VV12 demonstrating the ability to address the organizational arrangements of the operation in the medical facility
- VV13 demonstration of critical and creative thinking when endangering the operation of the facility
- VV14 apply the principles of prevention of adverse events in the process of providing health care

Course content:

Brief syllabus of the subject:

Management organization in healthcare in the Slovak Republic

Levels of management in medical facilities

Assumptions, tasks, roles of managers in healthcare

Managerial functions

Strategies of strategic, tactical and operational planning in a medical facility

Organization, organizational structure, organizational standards, organizational culture in a medical facility

People management and motivation processes in medical facilities

Staffing in medical facilities

Inspection in medical facilities

Healthcare quality management

Informatization and digitization in healthcare

Aspects of crisis management in healthcare

Recommended literature :

Recommended literature:

ELIAŠOVÁ, A., HADAŠOVÁ, L., FEDURCOVÁ, I. 2017. Vybrané kapitoly zo zdravotníckeho manažmentu. 1.vyd. Prešov: Prešovská univerzita. 164s. ISBN 978-80-555-1823-7

ELIAŠOVÁ, A., HADAŠOVÁ, L., FEDURCOVÁ, I. 2019. Teória a prax v manažmente. 1.vyd. Prešov: Prešovská univerzita. 240s. ISBN 978-80-555-2465-7

PLEVOVÁ, I. a kol. 2012. Management v ošetrovatelství. Praha: Grada Publishing. 314s. ISBN 978-80-247-3871-0

ONDRUŠ, P., ONDRUŠOVÁ, I. 2017. Manažment a financovanie v zdravotníctve. Tlačiareň P+M.. Turany. 328s. ISBN 978-80-9725335-9-2

OZOROVSKÝ, V., VOJTEKOVÁ, I. a kol. 2016. Zdravotnícky manažment a financovanie. 1.vyd. Wolters Kluwer. s.344. ISBN 978-8168-522-4

JAKUŠOVÁ, V. 2010. Základy zdravotníckeho manažmentu. Martina: Osveta, 2010.

KILÍKOVÁ, M., JAKUŠOVÁ, V. 2008. Teória a prax manažmentu v ošetrovatelstve. Martin: Osveta, 150 s. 2008. ISBN: 978-80-8063-290-8.

Časopis: Právo a manažment v zdravotníctve

Language which is necessary to complete the course: Slovak**Notes:**

Notes: For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 65

A	B	C	D	E	FX
54%	20%	14%	8%	2%	3%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Lívia Hadašová, PhD., MBA, co-guarantor, lecturer, examiner

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ZDMK2e/22</i>	Course title: <i>Healthcare and crisis management 2</i>
Type, scope and method of educational activity: Type of educational activity: <i>Lecture</i> Scope of educational activity: <i>1 hour per week, 13 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>1</i>	
Recommended semester: <i>2nd year ST emergency health care (UZSe3)</i> <i>3rd year ST emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites: <i>6KUS/ZDMK1e/22 - Healthcare and crisis management 1</i>	
Conditions for passing the course: Form of assessment: <i>ZDMK 1 Healthcare and crisis management 1</i> Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in direct education min. 80%, • individual self-study (10 hours), • during the semester the student produces a shorter seminar paper on a selected topic (7 hours of individual student work), https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf • completing the final knowledge test with min. 50% success, • oral exam - after passing the final test. <i>External form of study: 13 contact hours (lecture)/semester, non-contact education 17 hours/semester, total demand on student 30 hours, combined method of education</i>	
Final evaluation: <i>Overall assessment is calculated as the average of assessments of the seminar paper, the knowledge test and oral response as per the following percentage scale:</i> <i>A 100% - 92%</i> <i>B 91% - 84%</i> <i>C 83% - 76%</i> <i>D 75% - 65%</i> <i>E 64% - 50%</i> <i>FX 49% and less</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able to:</i> Knowledge: <i>VV1 After getting acquainted with the basic information, the student should demonstrate at the declarative level theoretical knowledge of crisis management, which is useful for qualitative starting points in decision-making during intervention in mass accidents, accidents, mass threats and disasters.</i> Skills: <i>VV2 The student has a cognitive and practical ability to apply knowledge in the field of crisis management organization and risk analysis of crisis phenomena with regard to the solution of crisis situations in a specific environment.</i> Competences: <i>VV3 The student has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain medical professions</i>	
Course content: <i>Brief syllabus of the subject:</i> <i>The course syllabus in the summer semester is focused on the issue of crisis management as a starting point for decision-making during the emergency response in the event of mass threats, accidents and disasters.</i> <ul style="list-style-type: none"> • Introduction to crisis management. Tasks and organization of crisis management. • Emergencies and crisis events. Origin, development and characteristics of crisis phenomena. 	

- Crisis management and state security.
- Crisis situations and the system of economic measures to deal with them - civil emergencies planning.
- Critical infrastructure protection.
- Preparation for non-military crisis situations, crisis planning documentation.
- Protection of the population in the Slovak Republic.
- Emergency management, rescue and liquidation work.
- Principles of protection, regime measures, decontamination procedures and antidotes in case of extraordinary events with the occurrence of dangerous chemical, biological and radioactive substances, measures for radiation protection
- Integrated Rescue System. Crisis management forces and resources.
- Emergency planning.
- Disaster risk management.
- Crisis management information support.
- Principles of solving crisis phenomena in a specific environment.

Recommended literature :

Recommended literature:

- MAJLINGOVÁ, A. a kol. 2019. Súčinnosť vybraných zložiek integrovaného záchranného systému pri riešení udalosti s hromadným postihnutím osôb s prítomnosťou biologickej nebezpečnej látky. Vydavateľstvo: Technická univerzita vo Zvolene, 2019. 130s. ISBN 978-80-228-3179-6.
- BOGUSKÁ, D. a kol., 2016. Integrovaný záchranný systém. Prešov: Vydavateľstvo Prešovskej univerzity. ISBN 978-80-555-1752-0.
- BOGUSKÁ, D., 2016. Kritické miesta v súčinnosti záchranných zložiek Integrovaného záchranného systému Slovenskej republiky. Prešov: Vydavateľstvo Prešovskej univerzity. ISBN: 978-80-555-1603-5
- MAJLINGOVÁ, A., 2016. Krízový manažment. Úvod do riešenia krízových situácií. Zvolen: DF TU Zvolen. 1.vyd. 76s. ISBN 978-80-228-2878-9
- NOVÁK, L. a kol., 2005. Krízové plánovanie. Žilina: FŠI ŽU. ISBN 80-8070-391-4.
- ŠIMÁK, L., 2001. Krízový manažment vo verejnej správe. Žilina: .FŠI ŽU. ISBN 80-88829-13-5.
- ŠIMÁK, L., FILIP, S., 2006. Manažérstvo rizika a krízový manažment vo verejnej správe. Bratislava: VŠEMVS. ISBN 978-80-89143-43-6.
- ŠIMÁK, L. a kol., 2005. Terminologický slovník krízového riadenia. Žilina: FŠI ŽU. Aktualizované vydanie v roku 2006. ISBN 80-88829-75-5.
- FILIP, S., 2006. Bezpečnostný systém SR. FEŠRR/SPU Nitra. ISBN 80-8069-642-X.

Language which is necessary to complete the course: Slovak

Notes:

Notes: compulsory participation of student in direct education min. 80%. For students with special needs, an individualized approach is provided based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 63

A	B	C	D	E	FX
8%	16%	29%	30%	16%	2%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor Ing. Bc. MSc. Danko Boguská, PhD., lecturer, examiner, instructor, seminary supervisor

Date of last change: 01.09.2022

Approved by: doc. MUDr. Roman Zazula, Ph.D.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KUS/ZIVYKe/22</i>	Course title: <i>Winter mountain rescue training course</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>50 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe3)</i> <i>2nd year WT emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>Criteria of assessment:</i> <ul style="list-style-type: none"> • compulsory participation of student in direct education to the full extent, • individual self-study (10 hours), • completing the final knowledge test with min. 50% success, • completing the final run focussed on practical solving model situations related to the rescue on a ski run. <i>External form of study: 50 contact hours (exercise)/semester, non-contact education 10 hours/semester, total demand on student 60 hours, combined form of education</i>	
Final evaluation: <i>The student successfully completes the subject upon fulfilling the prescribed assessment criteria.</i>	
Learning outcomes: <i>Results of education:</i> <i>After completing the course, students are able / are able to:</i> <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability at a declarative level for:</i> <ul style="list-style-type: none"> <i>VV1 explanation of the basics of safe movement in winter mountain terrain,</i> <i>VV2 characterization of the position of HZS in the integrated rescue system,</i> <i>VV3 description of rescue activities in mountain terrain,</i> <i>VV4 definition of the organization of rescue activities in the field,</i> <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <ul style="list-style-type: none"> <i>VV5 to perform practical training of ski techniques,</i> <i>VV6 to carry out rescue activities in winter mountain terrain and on a slope,</i> <i>The student is able to use the knowledge for professional and personal development, especially in the form of:</i> <ul style="list-style-type: none"> <i>VV7 has competencies in accordance with the Decree of the Ministry of Health of the Slovak Republic No. 151/2018 Coll., Which determines the scope of practice in certain health professions, as amended.</i>https://www.unipo.sk/fakulta-zdravotnictva/katedry/kuzs/01/01/ 	
Course content: <i>Brief syllabus of the subject:</i> <ul style="list-style-type: none"> • <i>Basics of safe movement in winter mountain terrain. Practical training in skiing technique.</i> • <i>Role and tasks of MRS in the integrated rescue system. Navigating the winter terrain, material, technical and transport means used by MRS. Protection and safety at work.</i> • <i>Snow cover and avalanche danger, the conditions for the formation of avalanches. Rescue services in an avalanche. Avalanche prevention by MRS.</i> • <i>Rescue operations on ski runs. Principles of treatment and transport injured in winter terrain. Practical training in the use of immobilization and transport devices in winter terrain. Practical emergency drill on ski runs.</i> • <i>Organization of rescue operations in an avalanche. Search for avalanche victims, the use of avalanche an search dog. Protection and safety working in avalanche terrain.</i> 	

The student successfully completes the subject upon fulfilling the prescribed assessment criteria.

Recommended literature :

Recommended literature:

KELNÁROVÁ, J., TOUFAROVÁ, H., VÁŇOVÁ, J., ČÍKOVÁ, Z., 2012. První pomoc I. Praha: Grada Publishing. 104 s. ISBN 978-80-247-4199-4.

KELNÁROVÁ, J., J. TOUFAROVÁ, Z. ČÍKOVÁ, E. MATĚJKOVÁ, J. VÁŇOVÁ, 2013. První pomoc II. Praha: Grada Publishing. 192s. ISBN 978-80-247-4200-7.

KEMMLER, J., 1996. Lyžovanie - základy výcviku. Bratislava: Slovo. 132 s. ISBN 8085711133.

SOUMÁR, L., BOLEK, E., 2001. Běh na lyžích. Praha: Grada Publishing. 171 s. ISBN 80-247-1371-7.

ZÁLEŠÁK, M. a kol., 1989. Teória a didaktika lyžovania. Bratislava: SPN. 261 s. ISBN 80-0800-016-3.

Language which is necessary to complete the course: *Slovak*

Notes:

Notes: compulsory participation of student in direct education to the full extent. An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to prepare the assigned task are published on the faculty's website:

<https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: *0*

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Roman Zazula, Ph.D., guarantor PhDr. Ivana Argayová, PhD., co-guarantor, lecturer, examiner, instructor Ing. Bc. Vladimír Hosa, MPH, co-guarantor, lecturer, examiner, instructor Ing. Bc. MSc. Danka Boguská, PhD., co-guarantor Ing. Bc. Michal Hudák, co-guarantor, lecturer, examiner, instructor

Date of last change: *01.09.2022*

Approved by: *doc. MUDr. Roman Zazula, Ph.D.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>University of Prešov in Prešov</i>	
Code: <i>9UJK/LAJAUe/22</i>	Course title: <i>Latin language</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year WT emergency health care (UZSe4) laboratory examination methods in health service (LVMe4) radiological technology (RTe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Method of evaluation: <i>Continuous assessment</i> <i>The final evaluation of the subject is based on the continuous assessment „PH“.</i> <i>The final evaluation of the subject is based on the continuous assessment „PH“. Course: In the first half of the semester, during week 7, the students write a test from the studied materials. (student's preparation = 10 lessons/1 test, total 20 lessons) The student must gain at least 50.00% in each test to pass the course. A: 100,00 – 90,00 %, B: 89,99 – 80,00 %, C: 79,99 – 70,00 %, D: 69,99 – 60,00 %, E: 59,99 – 50,00 %, FX: 49,99 and less %. An overall assessment of the student is based on the calculation of the percentage of two tests: A 100,00 – 90,00 % B 89,99 – 80,00 % C 79,99 – 70,00 % D 69,99 – 60,00 % E 59,99 – 50,00 % FX 49,99 and less %. The rules for assessing the student's workload are available at: https://www.unipo.sk/fakulta-zdravotnictva/pokyny/</i>	
Learning outcomes: <i>The student is competent in:</i> Knowledge: <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability to:</i> <ul style="list-style-type: none"> - Define the declension system of Latin nouns and adjectives. - Describe the structure of Latin terms. - Name the human body parts and their basic functions in Latin. - Name selected diagnosis in Latin language. - Define a translation process of Latin terms. Skills: <i>The student can apply knowledge especially in cognitive and practical fields:</i> <ul style="list-style-type: none"> - Apply knowledge about Latin term to any term in professional practice. - Synthesize and integrate knowledge of Latin when working with medical documentation. - Apply and implement translation skills in translating terms from and into Latin. Competencies: <i>The student can use the knowledge for professional and personal development, especially in the form of:</i> <ul style="list-style-type: none"> - Demonstration of the ability to use Latin terms exactly and linguistically correctly in oral and written form.. - Demonstration of the ability to correctly translate terms from Latin to Slovak / English and from Slovak / English to Latin. - Demonstration of the ability to orientate in complex Latin diagnoses. <i>By completing the course, the student will acquire competencies in accordance with the EFN Framework of Competencies adopted at the General Assembly of EFN 2015 (Brussels) and in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 95/2018 Coll., which determines the scope of nursing practice provided by the nurse independently, on the basis of the doctor's indication and in cooperation with the doctor as well as the scope of midwifery practice provided by the midwife independently, on the basis of the doctor's indication and in cooperation with the doctor.</i>	
Course content: <i>The topics of the course are:</i> <i>Introduction to grammar. Spelling and pronunciation.</i> <i>Basic knowledge of word science.</i> <i>Consistent and inconsistent modifiers in Latin terminology.</i> <i>Latin nouns I. – V. declensions.</i> <i>Latin adjectives I. – III. Declensions (declension and gradation).</i> <i>Medical terms - translation and word-formation</i>	

Numerals.

Latin diagnosis.

Recommended literature :

1. ORINÁKOVÁ, S., 2021: *Základy latinčiny pre záchranárov a príbuzné odbory. Nepublikovaný rukopis*, 2021, 86 s.

2. ŠIMON, F., 2003: *Latinčina pre medikov. Košice: Viena*. 2003 143 s.

ISBN 80-88922-77-1.

3. KÁBRT, J., KÁBRT, J. jr., 2015: *Lexicon medicum. Praha, Galén*. 2015, 917 s. ISBN 978-80-7492-200-8

4. ZAZULA, R. et al. 2020. *Základy lékařské terminologie. Praha: Grada*. 160 s. ISBN 9788027117161

5. ARGAYOVÁ, I., RALBOVSKÁ, D.R., ZAZULA, R. 2019. *Latinský jazyk teoreticky i prakticky pre zdravotníckych záchranárov a iné nelekárske študijné programy: vysokoškolská učebnica. Prešov: Vydavateľstvo Prešovskej univerzity*. 158 s. ISBN 978-80-555-2272-2

Language which is necessary to complete the course: *Latin*

Notes:

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

Mgr. Slavka Oriňáková, PhD., guarantor, co-guarantor, lecturer, examiner

Date of last change: 20.09.2021

Approved by: *Mgr. Slavka Oriňáková, PhD.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>University of Prešov in Prešov</i>	
Code: <i>9UJK/OKAZIe/22</i>	Course title: <i>English for health care 1</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year WT nursing (OSEe4) emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Method of evaluation: <i>Continuous assessment</i> <i>Continuous assessment</i> <i>The final evaluation of the subject is based on the continuous assessment "PH". Course: In the first half of the semester, during week 7, the students write a test from the studied materials. OSE, PA (student preparation = 15 hours/1 test, 30 hours total) UZS (student preparation = 17 hours/1 test, 34 hours total) The student must gain at least 50.00% in each test to pass the course. A: 100,00 – 90,00 %, B: 89,99 – 80,00 %, C: 79,99 – 70,00 %, D: 69,99 – 60,00 %, E: 59,99 – 50,00 %, FX: 49,99 and less %. An overall assessment of the student is based on the calculation of the percentage of two tests: A 100,00 – 90,00 % B 89,99 – 80,00 % C 79,99 – 70,00 % D 69,99 – 60,00 % E 59,99 – 50,00 % FX 49,99 and less % The rules for assessing the student's workload are available at: https://www.unipo.sk/fakulta-zdravotnictva/pokyny/</i>	
Learning outcomes: <i>Number of credits: 2 ECTS</i> <i>student workload 60 hours = 15/45</i> <i>(preparation of the student = total 45 hours)</i> <i>The student is competent in:</i> Knowledge: <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability to:</i> <ul style="list-style-type: none"> - Define professional and methodological knowledge in the field of nursing as a basis for active communication in English in practice. - Describe the organization of nursing care in various health care facilities in English-speaking countries and in Slovakia in English. - Name the human body parts and their basic functions in English. - Define and characterize health problems, diseases, symptoms, types of examinations of patients, treatment procedures as well as wards in the hospital in English. - Define a healthy lifestyle and prevention in English. Skills: <i>The student can apply knowledge especially in cognitive and practical fields:</i> <ul style="list-style-type: none"> - Plan and provide nursing care for patients with various diseases in English. - Design and implement solutions related to nursing care in English. - Establish recommendations for patient aftercare in English. Competencies: <i>The student can use the knowledge for professional and personal development, especially in the form of:</i> <ul style="list-style-type: none"> - Demonstration of the ability to provide nursing care to an English-speaking patient. - Demonstration of the ability to actively communicate in a foreign language with medical staff at work using professional terminology. - Demonstration of critical and creative thinking in predictable and unpredictable situations in professional practice. - Demonstration of social competencies in a foreign environment. <i>By completing the course, the student will acquire competencies in accordance with the EFN Framework of Competencies adopted at the General Assembly of EFN 2015 (Brussels) and in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 95/2018 Coll., which determines the scope of nursing</i>	

practice provided by the nurse independently, on the basis of the doctor's indication and in cooperation with the doctor as well as the scope of midwifery practice provided by the midwife independently, on the basis of the doctor's indication and in cooperation with the doctor.

Course content:

The content of the course is based on the principles of communication approach and activities based on teaching and learning. The topics of the course are:

1. The human body – anatomical description.
2. Systems of the human body: muscular, skeletal, respiratory, digestive, urinary, endocrine, lymphatic, integumentary, cardiovascular, reproductive, and nervous.
3. Internal organs and cavities in the human body.
4. Health and health problems.
5. Common diseases: rhinitis, flu, headache, migraine, back pain, etc.; their causes and symptoms.
6. Health prevention.
7. Infectious diseases.
8. Diseases of civilization: diabetes, hypertension, and obesity.
9. Hospital and types of hospital departments/wards.
10. Basic medical terminology and phrases of common communication with the patient and staff in English.

Recommended literature :

1. ALLUM, V. McGARR, P. : Cambridge English for Nursing, Cambridge University Press 2010, ISBN 978-521-14133-8.
2. GRICE, T. Nursing I. Student's book. Oxford University Press. 2011. 136 p., ISBN-13: 978-0-194-56777-4.
3. GLENDINNING, E., H., HOWARD, R. Professional English in Use, Cambridge University Press, 2007, 175p., ISBN 978-0-521-68211-5.
4. TOPILOVÁ V.,: Angličtina pro zdravotníky, vyd. 2., Tobiáš, 1999, ISBN 80-85808-73-0.
5. HORŇÁKOVÁ, A.: English in Emergency, vydanie prvé, PU v Prešove, FZ, 2008. 100 s. ISBN 978-80-8068-773-1.
6. MURPHY, R.: English Grammar in Use, Cambridge University Press, 2004 or later issue, 379 p., ISBN: 978-0-521-18906-4.
7. FRONEK, J, MOKRÁŇ, P.: Anglicko – slovenský slovník, Nová práca s.r.o., Bratislava, 2009, 1378 s. ISBN: 978-8-088-92980-2.

Language which is necessary to complete the course: English

Notes:

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

Mgr. Lenka Gogová, PhD., guarantor RNDr. Anna Horňáková, PhD., co-guarantor, lecturer, examiner

Date of last change: 20.09.2021

Approved by: Mgr. Lenka Gogová, PhD.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>University of Prešov in Prešov</i>	
Code: <i>9UJK/OKAZ2e/22</i>	Course title: <i>English for health care 2</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year ST nursing (OSEe4) emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Method of evaluation: <i>Continuous assessment</i> <i>Continuous assessment</i> <i>The final evaluation of the subject is based on the continuous assessment "PH". Course: In the first half of the semester, during week 7, the students write a test from the studied materials. The student must gain at least 50,00 % in each test to pass the course. A: 100,00 – 90,00 %, B: 89,99 – 80,00 %, C: 79,99 – 70,00 %, D: 69,99 – 60,00 %, E: 59,99 – 50,00 %, FX: 49,99 and less %. An overall assessment of the student is based on the calculation of the percentage of two tests: A 100,00 – 90,00 % B 89,99 – 80,00 % C 79,99 – 70,00 % D 69,99 – 60,00 % E 59,99 – 50,00 % FX 49,99 and less %. The rules for assessing the student's workload are available at: https://www.unipo.sk/fakulta-zdravotnictva/pokyny/</i>	
Learning outcomes: <i>Number of credits: 2 ECTS</i> <i>student workload 60 hours = 15/45</i> <i>(preparation of the student = total 45 hours)</i> <i>The student is competent in:</i> Knowledge: <ul style="list-style-type: none"> - After getting acquainted with the basic information, the student has an adequate level of understanding and ability to: - Define professional and methodological knowledge in the field of nursing as a basis for active communication in English in practice. - Describe the organization of nursing care in various health care facilities in English-speaking countries and in Slovakia in English. - Define and characterize procedures, problems, and methods of patient treatment in English. - Define the nursing history of the patient and fill in the questionnaire during the patient's hospitalization in English. Skills: <i>The student can apply knowledge especially in cognitive and practical fields:</i> <ul style="list-style-type: none"> - Plan and provide nursing care to patients in the various wards of the hospital in English. - Design and implement solutions related to nursing care in hospital and home environments in English. - Establish recommendations and procedures for patients in English. Competencies: <i>The student can use the knowledge for professional and personal development, especially in the form of:</i> <ul style="list-style-type: none"> - Demonstration of the ability to provide nursing care to an English-speaking patient. - Demonstration of the ability to actively communicate in a foreign language with medical staff at work using professional terminology. - Demonstration of critical and creative thinking in predictable and unpredictable situations in professional practice. - Demonstration of social competencies in a foreign language environment. <i>By completing the course, the student will acquire competencies in accordance with the EFN Framework of Competencies adopted at the General Assembly of EFN 2015 (Brussels) and in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 95/2018 Coll., which determines the scope of nursing practice provided by the nurse independently, on the basis of the doctor's indication and in cooperation with the doctor as well as the scope of midwifery practice provided by the midwife independently, on the basis of</i>	

the doctor's indication and in cooperation with the doctor.

Course content:

The content of the course is based on the principles of communication approach and activities based on teaching and learning. The topics of the course are:

- 1. Health and fitness.*
- 2. Patient history and questionnaire.*
- 3. Accidents, patient triage, and first aid.*
- 4. Admission to the hospital and basic types of examinations.*
- 5. Patient care in hospital and home environment.*
- 6. Basic medical terminology and phrases of common communication with the patient and staff in English.*

Recommended literature :

- 1. ALLUM, V. McGARR, P.: Cambridge English for Nursing, Cambridge University Press 2010, ISBN 978-521-14133-8.*
- 2. GRICE, T. Nursing 1. Student's book. Oxford University Press. 2011. 136 p., ISBN-13: 978-0-194-56777-4.*
- 3. GLENDINNING, E., H., HOWARD, R. Professional English in Use, Cambridge University Press, 2007, 175p., ISBN 978-0-521-68211-5.*
- 4. TOPILOVÁ V.,: Angličtina pro zdravotníky, vyd. 2., Tobiáš, 1999, ISBN 80-85808-73-0.*
- 5. HORŇÁKOVÁ, A.: English in Emergency, vydanie prvé, PU v Prešove, FZ, 2008. 100 s. ISBN 978-80-8068-773-1.*
- 6. MURPHY, R.: English Grammar in Use, Cambridge University Press, 2004 or later issue, 379 p., ISBN: 978-0-521-18906-4.*
- 7. FRONEK, J, MOKRÁŇ, P.: Anglicko – slovenský slovník, Nová práca s.r.o., Bratislava, 2009, 1378 s. ISBN: 978-8-088-92980-2.*

Language which is necessary to complete the course: *English*

Notes:

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

Mgr. Lenka Gogová, PhD., guarantor RNDr. Anna Horňáková, PhD., co-guarantor, lecturer, examiner

Date of last change: 20.09.2021

Approved by: *Mgr. Lenka Gogová, PhD.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>University of Prešov in Prešov</i>	
Code: <i>9UJK/OKAZ3e/22</i>	Course title: <i>English for health care 3</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year WT nursing (OSEe4) emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Method of evaluation: <i>Continuous assessment</i> <i>Continuous assessment</i> <i>The final evaluation of the subject is based on the continuous assessment "PH". Course: In the first half of the semester, during week 7, the students write a test from the studied materials. OSE, PA (student preparation = 15 hours/1 test, 30 hours total) UZS (student preparation = 17 hours/1 test, 34 hours total) The student must gain at least 50,00 % in each test to pass the course. A: 100,00 – 90,00 %, B: 89,99 – 80,00 %, C: 79,99 – 70,00 %, D: 69,99 – 60,00 %, E: 59,99 – 50,00 %, FX: 49,99 and less %. An overall assessment of the student is based on the calculation of the percentage of two tests: A 100,00 – 90,00 % B 89,99 – 80,00 % C 79,99 – 70,00 % D 69,99 – 60,00 % E 59,99 – 50,00 % FX 49,99 and less %. The rules for assessing the student's workload are available at: https://www.unipo.sk/fakulta-zdravotnictva/pokyny/</i>	
Learning outcomes: <i>Number of credits: 2 ECTS</i> <i>student workload 60 hours = 15/45</i> <i>(preparation of the student = total 45 hours)</i> Knowledge: <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability to:</i> <ul style="list-style-type: none"> - Define professional and methodological knowledge in the field of nursing as a basis for active communication in English in practice. - Describe the organization of nursing care in various health care facilities in English-speaking countries and in Slovakia in English. - Define and characterize procedures, problems, and methods of patient treatment in English. - Define the nursing history of the patient and fill in the questionnaire during the patient's hospitalization in English. Skills: <i>The student can apply knowledge especially in cognitive and practical fields:</i> <ul style="list-style-type: none"> - Plan and provide nursing care to patients in the various wards of the hospital in English. - Design and implement solutions related to nursing care in hospital and home environments in English. - Establish recommendations and procedures for patients in English. Competencies: <i>The student can apply knowledge for professional and personal development, especially in the form of:</i> <ul style="list-style-type: none"> - Demonstration of the ability to provide nursing care to an English-speaking patient. - Demonstration of the ability to actively communicate in a foreign language with medical staff at work using professional terminology. - Demonstration of critical and creative thinking in predictable and unpredictable situations. - Demonstration of social competencies in a foreign environment. <i>By completing the course, the student will acquire competencies in accordance with the EFN Framework of Competencies adopted at the General Assembly of EFN 2015 (Brussels) and in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 95/2018 Coll., which determines the scope of nursing practice provided by the nurse independently, on the basis of the doctor's indication and in cooperation with the doctor as well as the scope of midwifery practice provided by the midwife independently, on the basis of the doctor's indication and in cooperation with the doctor.</i>	

Course content:

The content of the course is based on the principles of communication approach and activities based on teaching and learning. The topics of the course are:

- 1. Physical examination of the patient: instructions and recommendations.*
- 2. Evaluation of pain in the patient – scaling.*
- 3. Pain management – drugs and treatments.*
- 4. Measurement of vital functions in patients of different ages and needs.*
- 5. Care for newborns, children, and elderly patients.*
- 6. Patient mobilization – mobility aids.*
- 7. Basic medical terminology and phrases of common communication with the patient and staff in English.*

Recommended literature :

- 1. ALLUM, V. McGARR, P.: Cambridge English for Nursing, Cambridge University Press 2010, ISBN 978-521-14133-8.*
- 2. GRICE, T. Nursing 1. Student's book. Oxford University Press. 2011. 136 p., ISBN-13: 978-0-194-56777-4.*
- 3. GLENDINNING, E., H., HOWARD, R. Professional English in Use, Cambridge University Press, 2007, 175p., ISBN 978-0-521-68211-5.*
- 4. TOPILOVÁ V.,: Angličtina pro zdravotníky, vyd. 2., Tobiáš, 1999, ISBN 80-85808-73-0.*
- 5. HORŇÁKOVÁ, A.: English in Emergency, vydanie prvé, PU v Prešove, FZ, 2008. 100 s. ISBN 978-80-8068-773-1.*
- 6. MURPHY, R.: English Grammar in Use, Cambridge University Press, 2004 or later issue, 379 p., ISBN: 978-0-521-18906-4.*
- 7. FRONEK, J, MOKRÁŇ, P.: Anglicko – slovenský slovník, Nová práca s.r.o., Bratislava, 2009, 1378 s. ISBN: 978-8-088-92980-2.*

Language which is necessary to complete the course: *English*

Notes:

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

Mgr. Lenka Gogová, PhD., guarantor RNDr. Anna Horňáková, PhD., co-guarantor, lecturer, examiner

Date of last change: 20.09.2021

Approved by: *Mgr. Lenka Gogová, PhD.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>University of Prešov in Prešov</i>	
Code: <i>9UJK/OKAZ4e/22</i>	Course title: <i>English for health care 4</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year ST nursing (OSEe4) emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Method of evaluation: <i>Continuous assessment</i> <i>Continuous assessment</i> <i>The final evaluation of the subject is based on the continuous assessment "PH". Course: In the first half of the semester, during week 7, the students write a test from the studied materials. The student must gain at least 50,00 % in each test to pass the course. A: 100,00 – 90,00 %, B: 89,99 – 80,00 %, C: 79,99 – 70,00 %, D: 69,99 – 60,00 %, E: 59,99 – 50,00 %, FX: 49,99 and less %. An overall assessment of the student is based on the calculation of the percentage of two tests: A 100,00 – 90,00 % B 89,99 – 80,00 % C 79,99 – 70,00 % D 69,99 – 60,00 % E 59,99 – 50,00 % FX 49,99 and less %. The rules for assessing the student's workload are available at: https://www.unipo.sk/fakulta-zdravotnictva/pokyny/</i>	
Learning outcomes: <i>Number of credits: 2 ECTS</i> <i>student workload 60 hours = 15/45</i> <i>(preparation of the student = total 45 hours)</i> <i>The student is able to:</i> Knowledge: <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability to:</i> <ul style="list-style-type: none"> - Define professional and methodological knowledge in the field of nursing as a basis for active communication in English in practice. - Describe the organization of nursing care in various health care facilities and for various patients in English-speaking countries and in Slovakia in English. - Define and characterize procedures, problems, and ways of caring for the physical and mental health of the patient in English. - Define common problems of patients and their elimination in English. Skills: <i>The student can apply knowledge especially in cognitive and practical fields:</i> <ul style="list-style-type: none"> - Plan and provide nursing care to specific patients in different wards of the hospital in English. - Design and implement solutions related to the patient's physical and mental health in English. - Establish recommendations and procedures for patients in English. Competencies: <i>The student can use the knowledge for professional and personal development, especially in the form of:</i> <ul style="list-style-type: none"> - Demonstration of the ability to provide nursing care to an English-speaking patient. - Demonstration of the ability to actively communicate in a foreign language with medical staff at work using professional terminology. - Demonstration of critical and creative thinking in predictable and unpredictable situations in professional practice. - Demonstration of social competencies in a foreign language environment. <i>By completing the course, the student will acquire competencies in accordance with the EFN Framework of Competencies adopted at the General Assembly of EFN 2015 (Brussels) and in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 95/2018 Coll., which determines the scope of nursing practice provided by the nurse independently, on the basis of the doctor's indication and in cooperation with the doctor as well as the scope of midwifery practice provided by the midwife independently, on the basis of</i>	

the doctor's indication and in cooperation with the doctor.

Course content:

The content of the course is based on the principles of communication approach and activities based on teaching and learning. The topics of the course are:

- 1. Hygiene – current and historical view of hygiene.*
- 2. Alternative treatment.*
- 3. Injuries, types of fractures and their treatment.*
- 4. Common patient problems and their elimination.*
- 5. Patient care and nutrition after discharge from the hospital.*
- 6. Physical and mental health of the patient.*
- 7. Basic medical terminology and phrases of common communication with the patient and staff in English.*

Recommended literature :

- 1. ALLUM, V. McGARR, P.: Cambridge English for Nursing, Cambridge University Press 2010, ISBN 978-521-14133-8.*
- 2. GRICE, T. Nursing 1. Student's book. Oxford University Press. 2011. 136 p., ISBN-13: 978-0-194-56777-4.*
- 3. GLENDINNING, E., H., HOWARD, R. Professional English in Use, Cambridge University Press, 2007, 175p., ISBN 978-0-521-68211-5.*
- 4. TOPILOVÁ V.,: Angličtina pro zdravotníky, vyd. 2., Tobiáš, 1999, ISBN 80-85808-73-0.*
- 5. HORŇÁKOVÁ, A.: English in Emergency, vydanie prvé, PU v Prešove, FZ, 2008. 100 s. ISBN 978-80-8068-773-1.*
- 6. MURPHY, R.: English Grammar in Use, Cambridge University Press, 2004 or later issue, 379 p., ISBN: 978-0-521-18906-4.*
- 7. FRONEK, J, MOKRÁŇ, P.: Anglicko – slovenský slovník, Nová práca s.r.o., Bratislava, 2009, 1378 s. ISBN: 978-8-088-92980-2.*

Language which is necessary to complete the course: *English*

Notes:

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

Mgr. Lenka Gogová, PhD., guarantor RNDr. Anna Horňáková, PhD., co-guarantor, lecturer, examiner

Date of last change: 20.09.2021

Approved by: *Mgr. Lenka Gogová, PhD.*

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>University of Prešov in Prešov</i>	
Code: <i>9UJK/OKNZ1e/22</i>	Course title: <i>German for health care 1</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year WT nursing (OSEe4) emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Method of evaluation: <i>Continuous assessment</i> <i>Continuous assessment</i> <i>The final evaluation of the subject is based on the continuous assessment „PH“. Course: In the first half of the semester, during week 7, the students write a test from the studied materials. The student must gain at least 50.00% in each test to pass the course. A: 100,00 – 90,00 %, B: 89,99 – 80,00 %, C: 79,99 – 70,00 %, D: 69,99 – 60,00 %, E: 59,99 – 50,00 %, FX: 49,99 and less %. An overall assessment of the student is based on the calculation of the percentage of two tests: A 100,00 – 90,00 % B 89,99 – 80,00 % C 79,99 – 70,00 % D 69,99 – 60,00 % E 59,99 – 50,00 % FX 49,99 and less % The rules for assessing the student's workload are available at: https://www.unipo.sk/fakulta-zdravotnictva/pokyny/</i>	
Learning outcomes: <i>Number of credits: 2 ECTS</i> <i>the workload of students is 60 lessons = 15/45</i> <i>(student's preparation = 45 lessons)</i> <i>The student is competent in:</i> Knowledge: <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability to:</i> - Define professional and methodological knowledge in the field of nursing as a basis for active communication in German in practice. - Describe the organization of nursing care in various health care facilities in German-speaking countries and in Slovakia in German. - Name the human body parts and their basic functions in German. - Define and characterize health problems, diseases, symptoms, types of examinations of patients, treatment procedures as well as wards in the hospital in German. - Define a healthy lifestyle and prevention in German. Skills: <i>The student can apply knowledge especially in cognitive and practical fields:</i> - Plan and provide nursing care for patients with various diseases in German. - Design and implement solutions related to nursing care in German. - Establish recommendations for patient aftercare in German. Competencies: <i>The student can use the knowledge for professional and personal development, especially in the form of:</i> - Demonstration of the ability to provide nursing care to an German-speaking patient. - Demonstration of the ability to actively communicate in a foreign language with medical staff at work using professional terminology. - Demonstration of critical and creative thinking in predictable and unpredictable situations in professional practice. - Demonstration of social competencies in a foreign environment. <i>By completing the course, the student will acquire competencies in accordance with the EFN Framework of Competencies adopted at the General Assembly of EFN 2015 (Brussels) and in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 95/2018 Coll., which determines the scope of nursing practice provided by the nurse independently, on the basis of the doctor's indication and in cooperation with the doctor as well as the scope of midwifery practice provided by the midwife independently, on the basis of the doctor's indication and in cooperation with the doctor.</i>	

Course content:

The content of the course is based on the principles of communication approach and activities based on teaching and learning. The topics of the course are:

1. The human body – anatomical description.
2. Systems of the human body: muscular, skeletal, respiratory, digestive, urinary, endocrine, lymphatic, integumentary, cardiovascular, reproductive, and nervous.
3. Internal organs and cavities in the human body.
4. Health and health problems.
5. Common diseases: rhinitis, flu, headache, migraine, back pain, etc.; their causes and symptoms.
6. Health prevention.
7. Infectious diseases.
8. Diseases of civilization: diabetes, hypertension, and obesity.
9. Hospital and types of hospital departments/wards.
10. Basic medical terminology and phrases of common communication with the patient and staff in German

Recommended literature :

1. Autorský kolektív pracovníkov Lingea s. r. o., 2008. Lingea veľký slovník nemecko-slovenský a slovensko-nemecký. Bratislava: Lingea s. r. o. ISBN 978-80-89323-08-1.
2. ČIERNY, D. et al., 1995. Slovník medicíny nemecko – slovenský. Vydal Vojtech Mikula KNIHA-SPOLOČNÍK. ISBN 80-88814-03-0.
3. DŽUGANOVÁ, B. a K. GAREIß, 1996. Deutsch für Mediziner. Martin: Osveta. ISBN 80-88824-29-X.
4. FIRNHABER - SENSEN, U. a G. SCHMIDT, 1998. Deutsch im Krankenhaus. Berlin- München: Langenscheidt. ISBN 3-468-49426-2.
5. HORVAT, T., 1995. Na, wo fehlt's denn? Zagreb: Školska knjiga. ISBN 953-0-21603-3.
6. KÁBRT, J. et al., 1989. Lékařský slovník německo – český, česko – německý. Praha: Avicenum zdravotnické nakladatelství.
7. KARUTZ, H., M von BUTTLAR, 2008. Erste Hilfe. München: Deutscher Taschenbuch Verlag GmbH & Co.KG. ISBN 978-3-423-34491-3.
8. LI, J. et al., 2011. Pluspunkte Beruf - Erfolgreich in der Pflege. Berlin: Cornelsen Verlag. ISBN 987-3-06-020379-6.
9. MOKROŠOVÁ, I., 2002. Německo - český, česko - německý lékařský slovník. Praha: GRADA Publishing, spol. s. r. o. ISBN 80-247-0218-5.
10. UHEROVÁ, Z., 2010. Deutsch im Pflegeberuf. Prešov: Prešovská univerzita v Prešove. ISBN 978-80-555-0235-9.
11. UHEROVÁ, Z. a S. NAGYOVÁ, 2015. Deutsch im Hebammenberuf. 1. vyd. Prešov: Prešovská univerzita v Prešove. 107 s. ISBN 978-80-555-1350-8.
12. UHEROVÁ, Z., 2019. Deutsch für Krankenpflege. Prešov: Prešovská univerzita v Prešove. 121 s. ISBN: 978-80-555-2263-0.

Language which is necessary to complete the course: German

Notes:

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

Mgr. Lenka Gogová, PhD., guarantor PaedDr. Zdenka Uherová, PhD., co-guarantor, lecturer, examiner

Date of last change: 20.09.2021

Approved by: Mgr. Lenka Gogová, PhD.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>University of Prešov in Prešov</i>	
Code: <i>9UJK/OKNZ2e/22</i>	Course title: <i>German for health care 2</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>1st year ST nursing (OSEe4) emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Method of evaluation: <i>Continuous assessment</i> <i>Continuous assessment</i> <i>The final evaluation of the subject is based on the continuous assessment „PH“. Course: In the first half of the semester, during week 7, the students write a test from the studied materials. The student must gain at least 50.00% in each test to pass the course. A: 100,00 – 90,00 %, B: 89,99 – 80,00 %, C: 79,99 – 70,00 %, D: 69,99 – 60,00 %, E: 59,99 – 50,00 %, FX: 49,99 and less %. An overall assessment of the student is based on the calculation of the percentage of two tests: A 100,00 – 90,00 % B 89,99 – 80,00 % C 79,99 – 70,00 % D 69,99 – 60,00 % E 59,99 – 50,00 % FX 49,99 and less % The rules for assessing the student's workload are available at: https://www.unipo.sk/fakulta-zdravotnictva/pokyny/</i>	
Learning outcomes: <i>Number of credits: 2 ECTS</i> <i>the workload of students is 60 lessons = 15/45</i> <i>(student's preparation = 45 lessons)</i> <i>The student is competent in:</i> Knowledge: <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability to:</i> - Define professional and methodological knowledge in the field of nursing as a basis for active communication in German in practice. - Describe the organization of nursing care in various health care facilities in German-speaking countries and in Slovakia in German. - Name the human body parts and their basic functions in German. - Define and characterize health problems, diseases, symptoms, types of examinations of patients, treatment procedures as well as wards in the hospital in German. - Define a healthy lifestyle and prevention in German. Skills: <i>The student can apply knowledge especially in cognitive and practical fields:</i> - Plan and provide nursing care for patients with various diseases in German. - Design and implement solutions related to nursing care in German. - Establish recommendations for patient aftercare in German. Competencies: <i>The student can use the knowledge for professional and personal development, especially in the form of:</i> - Demonstration of the ability to provide nursing care to an German-speaking patient. - Demonstration of the ability to actively communicate in a foreign language with medical staff at work using professional terminology. - Demonstration of critical and creative thinking in predictable and unpredictable situations in professional practice. - Demonstration of social competencies in a foreign environment. <i>By completing the course, the student will acquire competencies in accordance with the EFN Framework of Competencies adopted at the General Assembly of EFN 2015 (Brussels) and in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 95/2018 Coll., which determines the scope of nursing practice provided by the nurse independently, on the basis of the doctor's indication and in cooperation with the doctor as well as the scope of midwifery practice provided by the midwife independently, on the basis of the doctor's indication and in cooperation with the doctor.</i>	

Course content:

The content of the course is based on the principles of communication approach and activities based on teaching and learning. The topics of the course are:

1. Health and fitness.
2. Patient history and questionnaire.
3. Accidents, patient triage and first aid.
4. Admission to the hospital and basic types of examinations.
5. Patient care in hospital and home environment.
6. Basic medical terminology and phrases of common communication with the patient and staff in German.

Recommended literature :

1. Autorský kolektív pracovníkov Lingea s. r. o., 2008. Lingea veľký slovník nemecko-slovenský a slovensko-nemecký. Bratislava: Lingea s. r. o. ISBN 978-80-89323-08-1.
2. ČIERNY, D. et al., 1995. Slovník medicíny nemecko – slovenský. Vydal Vojtech Mikula KNIHA-SPOLOČNÍK. ISBN 80-88814-03-0.
3. DŽUGANOVÁ, B. a K. GAREIß, 1996. Deutsch für Mediziner. Martin: Osveta. ISBN 80-88824-29-X.
4. FIRNHABER - SENSEN, U. a G. SCHMIDT, 1998. Deutsch im Krankenhaus. Berlin- München: Langenscheidt. ISBN 3-468-49426-2.
5. HORVAT, T., 1995. Na, wo fehlt's denn? Zagreb: Školska knjiga. ISBN 953-0-21603-3.
6. KÁBRT, J. et al., 1989. Lékařský slovník německo – český, česko – německý. Praha: Avicenum zdravotnické nakladatelství.
7. KARUTZ, H., M von BUTTLAR, 2008. Erste Hilfe. München: Deutscher Taschenbuch Verlag GmbH & Co.KG. ISBN 978-3-423-34491-3.
8. LI, J. et al., 2011. Pluspunkte Beruf - Erfolgreich in der Pflege. Berlin: Cornelsen Verlag. ISBN 987-3-06-020379-6.
9. MOKROŠOVÁ, I., 2002. Německo - český, česko - německý lékařský slovník. Praha: GRADA Publishing, spol. s. r. o. ISBN 80-247-0218-5.
10. UHEROVÁ, Z., 2010. Deutsch im Pflegeberuf. Prešov: Prešovská univerzita v Prešove. ISBN 978-80-555-0235-9.
11. UHEROVÁ, Z. a S. NAGYOVÁ, 2015. Deutsch im Hebammenberuf. 1. vyd. Prešov: Prešovská univerzita v Prešove. 107 s. ISBN 978-80-555-1350-8.
12. UHEROVÁ, Z., 2019. Deutsch für Krankenpflege. Prešov: Prešovská univerzita v Prešove. 121 s. ISBN: 978-80-555-2263-0.

Language which is necessary to complete the course: German**Notes:**

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

Mgr. Lenka Gogová, PhD., guarantor PaedDr. Zdenka Uherová, PhD., co-guarantor, lecturer, examiner

Date of last change: 20.09.2021

Approved by: Mgr. Lenka Gogová, PhD.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>University of Prešov in Prešov</i>	
Code: <i>9UJK/OKNZ3e/22</i>	Course title: <i>German for health care 3</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year WT nursing (OSEe4) emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Method of evaluation: <i>Continuous assessment</i> <i>Continuous assessment</i> <i>The final evaluation of the subject is based on the continuous assessment „PH“. Course: In the first half of the semester, during week 7, the students write a test from the studied materials. The student must gain at least 50.00% in each test to pass the course. A: 100,00 – 90,00 %, B: 89,99 – 80,00 %, C: 79,99 – 70,00 %, D: 69,99 – 60,00 %, E: 59,99 – 50,00 %, FX: 49,99 and less %. An overall assessment of the student is based on the calculation of the percentage of two tests: A 100,00 – 90,00 % B 89,99 – 80,00 % C 79,99 – 70,00 % D 69,99 – 60,00 % E 59,99 – 50,00 % FX 49,99 and less % The rules for assessing the student's workload are available at: https://www.unipo.sk/fakulta-zdravotnictva/pokyny/</i>	
Learning outcomes: <i>Number of credits: 2 ECTS</i> <i>the workload of students is 60 lessons = 15/45</i> <i>(student's preparation = 45 lessons)</i> <i>The student is competent in:</i> Knowledge: <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability to:</i> - Define professional and methodological knowledge in the field of nursing as a basis for active communication in German in practice. - Describe the organization of nursing care in various health care facilities in German-speaking countries and in Slovakia in German. - Name the human body parts and their basic functions in German. - Define and characterize health problems, diseases, symptoms, types of examinations of patients, treatment procedures as well as wards in the hospital in German. - Define a healthy lifestyle and prevention in German. Skills: <i>The student can apply knowledge especially in cognitive and practical fields:</i> - Plan and provide nursing care for patients with various diseases in German. - Design and implement solutions related to nursing care in German. - Establish recommendations for patient aftercare in German. Competencies: <i>The student can use the knowledge for professional and personal development, especially in the form of:</i> - Demonstration of the ability to provide nursing care to an German-speaking patient. - Demonstration of the ability to actively communicate in a foreign language with medical staff at work using professional terminology. - Demonstration of critical and creative thinking in predictable and unpredictable situations in professional practice. - Demonstration of social competencies in a foreign environment. <i>By completing the course, the student will acquire competencies in accordance with the EFN Framework of Competencies adopted at the General Assembly of EFN 2015 (Brussels) and in accordance with the Decree of the Ministry of Health of the Slovak Republic no. 95/2018 Coll., which determines the scope of nursing practice provided by the nurse independently, on the basis of the doctor's indication and in cooperation with the doctor as well as the scope of midwifery practice provided by the midwife independently, on the basis of the doctor's indication and in cooperation with the doctor.</i>	

Course content:

The content of the course is based on the principles of communication approach and activities based on teaching and learning. The topics of the course are:

1. Physical examination of the patient: instructions and recommendations.
2. Evaluation of pain in the patient - scaling.
3. Pain management - drugs and treatments.
4. Measurement of vital functions in patients of different ages and needs.
5. Care for new-borns, children, and elderly patients.
6. Patient mobilization - mobility aids.
7. Basic medical terminology and phrases of common communication with the patient and staff in German.

Recommended literature :

1. Autorský kolektív pracovníkov Lingea s. r. o., 2008. Lingea veľký slovník nemecko-slovenský a slovensko-nemecký. Bratislava: Lingea s. r. o. ISBN 978-80-89323-08-1.
2. ČIERNY, D. et al., 1995. Slovník medicíny nemecko – slovenský. Vydal Vojtech Mikula KNIHA-SPOLOČNÍK. ISBN 80-88814-03-0.
3. DŽUGANOVÁ, B. a K. GAREIß, 1996. Deutsch für Mediziner. Martin: Osveta. ISBN 80-88824-29-X.
4. FIRNHABER - SENSEN, U. a G. SCHMIDT, 1998. Deutsch im Krankenhaus. Berlin- München: Langenscheidt. ISBN 3-468-49426-2.
5. HORVAT, T., 1995. Na, wo fehlt's denn? Zagreb: Školska knjiga. ISBN 953-0-21603-3.
6. KÁBRT, J. et al., 1989. Lékařský slovník německo – český, česko – německý. Praha: Avicenum zdravotnické nakladatelství.
7. KARUTZ, H., M von BUTTLAR, 2008. Erste Hilfe. München: Deutscher Taschenbuch Verlag GmbH & Co.KG. ISBN 978-3-423-34491-3.
8. LI, J. et al., 2011. Pluspunkte Beruf - Erfolgreich in der Pflege. Berlin: Cornelsen Verlag. ISBN 987-3-06-020379-6.
9. MOKROŠOVÁ, I., 2002. Německo - český, česko - německý lékařský slovník. Praha: GRADA Publishing, spol. s. r. o. ISBN 80-247-0218-5.
10. UHEROVÁ, Z., 2010. Deutsch im Pflegeberuf. Prešov: Prešovská univerzita v Prešove. ISBN 978-80-555-0235-9.
11. UHEROVÁ, Z. a S. NAGYOVÁ, 2015. Deutsch im Hebammenberuf. 1. vyd. Prešov: Prešovská univerzita v Prešove. 107 s. ISBN 978-80-555-1350-8.
12. UHEROVÁ, Z., 2019. Deutsch für Krankenpflege. Prešov: Prešovská univerzita v Prešove. 121 s. ISBN: 978-80-555-2263-0.

Language which is necessary to complete the course: German

Notes:

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs.

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

Mgr. Lenka Gogová, PhD., guarantor PaedDr. Zdenka Uherová, PhD., co-guarantor, lecturer, examiner

Date of last change: 20.09.2021

Approved by: Mgr. Lenka Gogová, PhD.

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>University of Prešov in Prešov</i>	
Code: <i>9UJK/OKNZ4e/22</i>	Course title: <i>German for health care 4</i>
Type, scope and method of educational activity: Type of educational activity: <i>Seminar</i> Scope of educational activity: <i>26 per semester</i> Method of educational activity: <i>Combined</i>	
Number of credits: <i>2</i>	
Recommended semester: <i>2nd year ST nursing (OSEe4) emergency health care (UZSe4)</i>	
Study grade: <i>Bachelor</i>	
Prerequisites:	
Conditions for passing the course: Method of evaluation: <i>Continuous assessment</i> <i>Continuous assessment</i> <i>The final evaluation of the subject is based on the continuous assessment „PH“. Course: In the first half of the semester, during week 7, the students write a test from the studied materials. The student must gain at least 50.00% in each test to pass the course. A: 100,00 – 90,00 %, B: 89,99 – 80,00 %, C: 79,99 – 70,00 %, D: 69,99 – 60,00 %, E: 59,99 – 50,00 %, FX: 49,99 and less %. An overall assessment of the student is based on the calculation of the percentage of two tests: A 100,00 – 90,00 % B 89,99 – 80,00 % C 79,99 – 70,00 % D 69,99 – 60,00 % E 59,99 – 50,00 % FX 49,99 and less % The rules for assessing the student's workload are available at: https://www.unipo.sk/fakulta-zdravotnictva/pokyny/</i>	
Learning outcomes: <i>Number of credits: 2 ECTS</i> <i>the workload of students is 60 lessons = 15/45</i> <i>(student's preparation = 45 lessons)</i> <i>The student is competent in:</i> Knowledge: <i>After getting acquainted with the basic information, the student has an adequate level of understanding and ability to:</i> <ul style="list-style-type: none"> - Define professional and methodological knowledge in the field of nursing as a basis for active communication in German in practice. - Describe the organization of nursing care in various health care facilities in German-speaking countries and in Slovakia in German. - Name the human body parts and their basic functions in German. - Define and characterize health problems, diseases, symptoms, types of examinations of patients, treatment procedures as well as wards in the hospital in German. - Define a healthy lifestyle and prevention in German. Skills: <i>The student can apply knowledge especially in cognitive and practical fields:</i> <ul style="list-style-type: none"> - Plan and provide nursing care for patients with various diseases in German. - Design and implement solutions related to nursing care in German. - Establish recommendations for patient aftercare in German. Competencies: <i>The student can use the knowledge for professional and personal development, especially in the form of:</i> <ul style="list-style-type: none"> - Demonstration of the ability to provide nursing care to an German-speaking patient. - Demonstration of the ability to actively communicate in a foreign language with medical staff at work using professional terminology. - Demonstration of critical and creative thinking in predictable and unpredictable situations in professional practice. - Demonstration of social competencies in a foreign environment. 	
Course content: <i>The content of the course is based on the principles of communication approach and activities based on teaching and learning. The topics of the course are:</i> <ol style="list-style-type: none"> 1. Hygiene – current and historical view of hygiene. 2. Alternative treatment. 	

3. Injuries, types of fractures and their treatment.
4. Common patient problems and their elimination.
5. Patient care and nutrition after discharge from the hospital.
6. Physical and mental health of the patient.
7. Basic medical terminology and phrases of common communication with the patient and staff in German.

Recommended literature :

1. Autorský kolektív pracovníkov Lingea s. r. o., 2008. Lingea veľký slovník nemecko-slovenský a slovensko-nemecký. Bratislava: Lingea s. r. o. ISBN 978-80-89323-08-1.
2. ČIERNY, D. et al., 1995. Slovník medicíny nemecko – slovenský. Vydal Vojtech Mikula KNIHA-SPOLOČNÍK. ISBN 80-88814-03-0.
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Lecturers:

Mgr. Lenka Gogová, PhD., guarantor PaedDr. Zdenka Uherová, PhD., co-guarantor, lecturer, examiner

Date of last change: 20.09.2021

Approved by: Mgr. Lenka Gogová, PhD.