

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Management and Business</i>	
Code: <i>interný kód predmetu v rámci vysokej školy</i>	Course title: <i>Environmental management</i>
<p>Type, scope and method of educational activity: Lectures + seminars (1+1), full-time, distance and combined form of education</p>	
Number of credits: 5	
Recommended semester: <i>1st / 2nd semester, Winter term / Summer term</i>	
Study grade:	
Prerequisites: -	
<p>Conditions for passing the course: During the semester, students will prepare and present a semester project (50 points, 50% of the course grade) on a chosen thesis according to predetermined parameters, pass a final test (50 points, 50% of the course grade) and will fulfill the conditions of participation according to the Study Regulations of the FM PU.</p> <p><i>The success criteria (percentage of results in the subject assessment) are as follows: 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 below 50 % or more.</i></p>	
<p>Learning outcomes: After completing this course, the student is able to: (1) Describe, develop and interpret methods of the Environmental Management Systems according to ISO 14001 standards and EMAS scheme and their main steps, relevant policies, and other environmental management tools. (2) Critically discuss the relation between enterprises and a sustainable development. (3) Discuss and assess different environmental management standards: ISO 14001 and EMAS. (4) Identify and define environmental problems and apply appropriate knowledge and skills to selected case studies or real life situations. (5) Show ability to communicate effectively in several forms (e.g. written, graphical and verbal) and produce detailed and coherent project reports.</p>	

Course content:

- History and development of environmental management systems (EMS), their characteristics, reasons for the introduction of EMS in corporate practice.
- Definition of EMS and other basic concepts in the field of environmental management, objectives and significance of EMS implementation, success factors of EMS.
- Introduction to the ISO 14000 series of standards and the status and structure of ISO 14001.
- Deming cycle in EMS, key elements of EMS
- The context of the organisation - the stakeholders of the organisation, the importance and need for leadership in EMS.
- The organisation's environmental policy: content, disclosure and communication methods within the company and with the external environment.
- Planning, resource management, supporting and operating an EMS.
- EMS auditing, behavioural assessment and EMS improvement.
- 9 Integration of EMS with quality management systems (ISO 9001) and health, safety (ISO 45001).
- European Environmental Management and Audit Scheme (EMAS), comparison of ISO 14001 and EMAS, EMAS implementation process in organisations with an EMS in place.
- Informal voluntary environmental management tools and the importance of their application, especially in small and medium-sized enterprises.
- Characteristics of selected voluntary environmental management tools and their supporting function in relation to EMS.

Recommended literature:

Chovancová, J. 2020. Systémy environmentálneho manažérstva. Prešov: Prešovská univerzita v Prešove, Fakulta manažmentu. 143 s., ISBN 978-80-8165-410-7

Tinsley, S., & Pillai, I. (2012). Environmental management systems: understanding organizational drivers and barriers. Routledge.

EU. 2009. Regulation (EC) No 1221/2009 of the European Parliament and of the Council of 25 November 2009 on the voluntary participation by organisations in a Community eco-management and audit scheme (EMAS)

ISO. 2015. "Environmental Management Systems. Requirements with guidance for use (ISO 14001:2015)." International Organization for Standardization.

Language which is necessary to complete the course: *English language*

Notes: *môžu sa uviesť poznámky k predmetu, napríklad že predmet sa poskytuje len v zimnom semestri, alebo ak si ho zapíše najmenej 15 študentov, prípadne, že kapacita predmetu je obmedzená na 40 študentov, v prípade vyššieho záujmu sa študenti vyberú*

Course evaluation

Total number of students evaluated: *uvádza sa reálny počet hodnotených študentov od zavedenia predmetu po jeho poslednú aktualizáciu*

A	B	C	D	E	FX
a	b	c	d	e	f

Uvádza sa percentuálny podiel hodnotených študentov, ktorí získali po zapísaní predmetu hodnotenie A, B, ... FX. Celkový súčet a, b, c, d, e, f je 100. Ak študent v jednom roku získal FX a po ďalšom zapísaní predmetu hodnotenie D, zohľadnia sa obe jeho hodnotenia.

Lecturers: *Ing. Jana Chovancová, PhD.*

Date of last change: *13.4.2022*

Approved by: *uvádza sa meno a priezvisko zamestnanca vysokej školy (štandardne osoba zodpovedná študijného programu/garant), ktorý zmenu schválil*