



OCCUPATIONAL HEALTH AND SAFETY

Environmental Engineering MSc

2018/19 II.

TANTÁRGYI KOMMUNIKÁCIÓS DOSSZIÉ

Miskolci Egyetem
Műszaki Földtudományi Kar
Környezetgazdálkodási Intézet

Tartalomjegyzék

1. Tantárgyleírás, tárgyjegyző, óraszám, kreditérték
2. Tantárgytematika (óra lebontva)
3. Projekt feladat kiírás
4. Vizsga tételsor

1. Tantárgyleírás, tárgyjegyző, óraszám, kreditérték

Course Title: Occupational Health and Safety	Credits: 2
Type of course: compulsory	
Type (lec. / sem. / lab. / consult.) and Number of Contact Hours per Week: 2 lec.	
The degree of theoretical or practical nature of the course, " course's character "13: 60 (kredit%)	
Type of Assessment (exam. / pr. mark. / other): exam. Participation on the courses and preparation of an advancement documentation based on the topic discussed. Project work in a chosen topic. Oral Exam. Assessment: based on the advancement doc. Assesment according to a five grade scale: 1. Structure and clearness of the work. (max. 10 points) 2. Aims and goals are clear: (max. 10 points) 3. Literature study: (max. 15 points) 4. Methodology: (max. 15 points) 5. Results and discussion: (max. 25 points) 6. Rate of independent work: (max 25 points) Grading Limits: > 88%: excellent, 75-87%: good, 63-74%: medium, 51-62%: satisfactory, < 50%: unsatisfactory.	
Position in Curriculum (which semester): 4th	
Pre-requisites (<i>if any</i>): -	
Course Description:	
Acquired store of learning: <u>Study goals:</u> This course covers recognition, control, and regulation of safety hazards in the workplace. <u>Course content:</u> Topics include accident investigation, Workers Compensation, record keeping, training, machine guarding, facilities, personal protection, and fire protection. Upon completion, students should be able to recognize safety hazards and recommend strategies for remediation and compliance. Week1: General Induction Week2: Basics of Law Week3: Workplace safety-general requirements Week4: PPE Week5: Safety, Emergency and Fire Safety Signs Week6: Risk Assesment Week7: On site visit - SEGA Company Week8: Task report (students) Week9: Task report (students) Week10: Test writing	

The 3-5 most important compulsory, or recommended **literature** (textbook, book) **resources**:

- OSHA Handbook, Sixth Edition Sep 3, 2014 by Steven D. High and President
- Health and Safety at Work: An Essential Guide for Managers Paperback – 3 May 2016 by Jeremy Stranks
- Safety Professional's Reference and Study Guide, Second Edition 2nd Edition by W. David Yates
- Introduction to Health and Safety at Work, 2002. Phil Hughes, Ed Ferrett
- Introduction to Health and Safety in Construction, 2004. Ed Ferrett, Phil Hughes
- International Health and Safety at Work Revision Guide, 2012. Ed Ferrett

Competencies to evolve (see Appendix 1):

T5, T8, K3, K11, A5, A6, A7, F2, F5, F6

Responsible Instructor (*name, position, scientific degree*):

Renáta Mészáros Dr. Zákányiné Dr., AFKI, research fellow, PhD

Other Faculty Member(s) Involved in Teaching, if any (*name, position, scientific degree*):

2. TANTÁRGYTEMATIKA

OCCUPATIONAL HEALTH AND SAFETY

Tantárgytematika (ÜTEMTERV)

Aktuális tanév tavaszi félév

Environmental Engineering MSc, 4. félév, törzsanyag tárgy

Week		Lecture
1.	14 th 02. 2019.	General Induction
2.	21 th 02. 2019.	Basics of Law
3.	28 th 02. 2019.	Workplace safety-general requirements
4.	7 th 03. 2019.	PPE
5.	14 th 03. 2019.	Safety, Emergency and Fire Safety Signs
6.	21 th 03. 2019.	Risk Assessment
7.	28 th 03. 2019.	SEGA Company
8.	4 th 04. 2019.	Student's presentation-task report
9.	11 th 04. 2019.	Student's presentation-task report
10.	18 th 04. 2019.	Test writing

3) PROJEKT FELADAT KIÍRÁS

Project work (maximum 2 students in one group):

Write 5-10 pages about the Health and Safety Requirements for the Protection of Workers from Risks resulting from Exposures Regulations in Your Country. Make a ppt, about 6-8 slides, and show it on the last lecture in 10 minutes.

4) VIZSGA TÉTELSOR

FINAL EXAM QUESTIONS:

1. Basic legal requirements of Occupational Health and safety
2. General Safety requirements of a Workplace
3. Emergency exits and workplace traffic
4. General requirements of Fire Safety in a workplace
5. Main rules of Risk assesment
6. Main features of OHS Management System

5. EGYÉB KÖVETELMÉNYEK

A vizsga dolgozat írása közben a mobiltelefon használata tilos!
While writing the exam thesis, the use of a mobile phone is forbidden!