

## Tárgytematika / Course Description Risk Analysis

GKNM\_MGTA021

Tárgyfelelős neve /

Teacher's name: dr. Kuti Rajmund

Félév / Semester: 2024/25/1

Beszámolási forma /

Assesment: Folyamatos számonkérés

Tárgy heti óraszám /

Teaching hours(week): 2/0/0

Tárgy féléves óraszám /

Teaching hours(sem.): 0/0/0

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### OKTATÁS CÉLJA / AIM OF THE COURSE

The aim of the course is to provide students with the basics of risk analysis and to be able to identify the risks to a given activity. An important task is to learn the steps of risk analysis procedure and the principles of effective application of risk analysis methods and to be able to coordinate a practical example.

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### TANTÁRGY TARTALMA / DESCRIPTION

Curriculum content by educational week: 1-1. week

#### 1. week:

Requirements of the course, description of the topic.

Overview of basic concepts related to the topic.

#### 2. week:

Review and systematize of literature related to the topic.

Types of risks.

#### 3. week:

Aspects of hazard assessment, identification, hazard analysis, risk recognition and categorization.

**4. week:**

Risk analysis methods.

**5. week:**

Elements, structure and operation of the risk management process.

**6. week:**

Risk management systems.

**7. week:**

Integrated risk management.

**8. week:**

Issues of safe operation of facilities, practical risk management.

**9. week:**

Risk reduction opportunities.

**10. week:**

**Closed exam**

**11. week:**

Problem solving in practice, event management.

Case study.

**12. week:**

Liquidation of real incidents.

Practical risk reduction based on measures.

**13. week:**

Risk communication.

Case study.

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**SZÁMONKÉRÉSI ÉS ÉRTÉKELÉSI RENDSZERE / ASSESMENT'S METHOD**

COURSE REQUIREMENT

Requirements for students are contained in the CURRICULUM PROGRAM and its supplement as described below. For other matters, the STUDY AND EXAMINATION RULES prevail.

Assesment method:

CLOSED EXAM: 10. week

Points available: 24

score for signature: 14

Re closed exam: **13. week**

**The semester's signature and the prerequisite for the exam are is to achiecve at least 14 points at the closed exam!**

The exam is written.

Evaluation:

0 - 13 points 1 insufficient

14 -16 points 2 is enough

17 -19 points 3 average

20 -22 points 4 good

23-24 points 5 outstanding

If the student's mid-term closed exam score is between 20 and 24 points a grade can be offered:

For 20 -22 points 4

For 23-24 points 5

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### **KÖTELEZŐ IRODALOM / OBLIGATORY MATERIAL**

Required literature:

- Presentation material.

Recommended literature:

- Stefan Hunziker: Enterprise Risk Management, Springer 2019.

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### **AJÁNLOTT IRODALOM / RECOMMENDED MATERIAL**