UNIVERSITY OF TUZLA UNIVERZITET U TUZLI

SYLLABUS

1. Course title:

MINING MANAGEMENT

2. Code:

LRUDMNR

3. Cycle of study:

1

4. ECTS credits:

4

5. Type of course:

Elective

6. Prerequisites:

No

7. Class restrictions:

No

8. Duration / semester(s):

1 | 6

9. Weekly contact hours and student workload:

	Semester (1)	Semester (2)	(for two-semester courses)	Workload: (hours)
9.1. Lectures	2		Classes:	33,75
9.2. Seminars	0		Individual work:	71,83
9.3. Laboratory / Practice classes	1		In total:	105,5 8

10. Faculty:

Mining, Geology and Civil Engineering

11. Department/study program:

Mining Engineering

12. Lecturer:

PhD Kemal Gutić Full Professor

13. Course aims:

The course aims to:
- Introduce students to the challenges of management in mining.
- Enable students to understand, analyze, and apply theoretical and practical knowledge to solve specific problems

through theoretical foundations and practical examples.
- Enhance communication skills, both written and verbal.
- Improve continuous student work throughout the year, encouraging active participation from the beginning of the course in all academic activities and responsibilities.
- Establish a two-way communication channel between students and professors.

14. Learning outcomes:

At the end of the semester/course, successful students who have continuously completed their obligations throughout the course will be able to:
- Use available literature to solve various problems related to this course.
- Solve problems of varying complexity, individually or in teams, and present them in written or verbal form.
- Understand the significance of this course in solving various societal problems.
- Pass the final exam in the first available exam session at the end of the semester.

15. Course content:

The introductory part of the course presentation, organizational structure of the mine, management responsibilities.
- Organizational structure of a mine, management responsibilities.
- Leading production processes, project management, implementation of mining regulations, realization of projects during the mine opening phase, exploitation phase, project completion, site liquidation, and reclamation.
- Management of production processes from the initial phase to the final consumer or energy phase.
- Defining reserves in terms of quality and quantity, work process analysis.
- Corporate mining management in economic enterprises.
- Ownership relations and capital structure.

16. Learning methods:

In order to efficiently conduct the course and achieve the expected course objectives and student competencies at the end of the semester, different teaching methods are used:
- Lectures,
- Field exercises,
- Short tests covering the essence of the material covered in specific areas or teaching units.

Additionally, to ensure the effective implementation of the course and achieve the expected goals and competencies by the end of the semester, the following methods are applied:
- Lectures,
- Team/group projects (seminar papers),
- Short tests focusing on the essence of the material covered by areas or teaching units.

17. Assessment methods:

The methods for evaluating student knowledge include the following criteria:
- Attendance in lectures,
- Attendance in exercises,
- Seminar paper,
- Tests,
- Final exam.

The seminar paper must be completed during the course and is a requirement for the validation of the student's academic obligations. Throughout the semester, students are required to regularly attend lectures and exercises. The instructor and assistant will track and record student attendance.
After completing certain areas of the course, the instructor will organize tests or mini-exams that will consist of a number of questions and tasks aimed at assessing the knowledge acquired by the students. The test dates will be announced to the students at least seven days in advance so that they can adequately prepare. The questions on quick tests will relate to the most recently completed topic or teaching unit.

18. Assessment components:

The methods of knowledge assessment are both written and oral. The criteria for evaluating students are as follows:
- Attendance in class: 2 points
- Activity: 2 points
- Test: 40 points
- Seminar paper: 6 points
- Pre-exam activities: 50 points
- Final exam: 50 points
- Total: 100 points

The final grade of the student, after all forms of knowledge assessment, is evaluated and graded according to a system comparable to the ECTS grading scale as follows:
a) 10 (A) – Exceptional success with no mistakes or only minor mistakes, worth 95-100 points;
b) 9 (B) – Above average, with a few mistakes, worth 85-94 points;

c) 8 (C) – Average, with noticeable mistakes, worth 75-84 points;
d) 7 (D) – Generally good, but with significant deficiencies, worth 65-74 points;
e) 6 (E) – Meets the minimum criteria, worth 54-64 points;
f) 5 (F, FX) – Does not meet the minimum criteria, less than 54 points.

19. Mandatory reading list:

K. Gutić, Efikasnost podgrađivanja podzemnih građevina sidrima, Copygraf Tuzla, 2009. godina
E. Bektašević, K. Gutić, D. Sikita, Tunneling, Lambert, 2024

20. Additional reading list:

21. Web sources:

22. Applicable from the academic year:

2025/26

23. Adopted in the Faculty/Academy session: