

## SYLLABUS

## 1. Course title:

PROTECTION IN TRANSPORT

## 2. Code:

## 3. Cycle of study:

## 4. ECTS credits:

## 5. Type of course:

 Mandatory  Elective

## 6. Prerequisites:

## 7. Class restrictions:

## 8. Duration / semester:

## 9. Weekly contact hours:

9.1. Lectures:

9.2. Seminars:

9.3. Laboratory/Practice classes:

## 10. Faculty:

Faculty of Technology

## 11. Department/study program:

Environmental Protection Engineering

## 12. Lecturer:

## 13. Lecturer's e-mail:

**14. Web site:**

www.tf.untz.ba

**15. Course aims:**

Acquiring knowledge in the field of safety and health at work with the means of internal and external transport and on the transversal works.

**16. Learning outcomes:**

Students will acquire practical knowledge for conducting work safety and health at work with the means of internal and external transport.

**17. Course content:**

Crane, elevator, suspended platform, lifting platform, vehicle for internal transport, machine transport, storage equipment, Other related machines (drilling towers, stage equipment, etc.) - structure: introduction and familiarization of students with the problem, the way of work and the obligations, the specifics of organizational affairs on the implementation of safety measures, the conducting of preventive and periodic examinations and tests, by referring to the identification and implementation of preventive and periodic examinations and tests. Legal regulations, specific procedures in case of failure of equipment, accidents, occurrence of hazards, injuries at work.

**18. Learning methods:**

Teaching is performed through auditorial lectures that are followed by slides and laboratory exercises with interactive participation of students. Lectures and exercises were followed by a large number of examples from practice and teaching films. It is anticipated that students will visit companies, where they will receive information for solving specific problems. In addition to lectures and exercises, consultations are also held regularly.

**19. Assessment methods:**

Throughout the course, students are required to regularly attend lectures and exercises. Students' attendance records will be regularly kept. On a special form, the subject teacher will continuously monitor the presence of each student. During the semester, the student can be absent with a maximum of three lectures and three exercises, being obliged to bring proof of justification of absence (medical certificate, etc.). In the case of more unexcused absences, the student loses the right to the signature of the teacher.

- TESTS - Two tests throughout the semester, for the oral part of the exam. Each test for the oral part of the exam, consists of 20 short theoretical questions related to the previously processed material and carries 15 points (for a passing grade, one should achieve a minimum of 8 points). Tests are usually conducted after every six weeks of lectures, whereby the subject teacher will announce them to the students at least two weeks before each test.
- LABORATORY EXERCISES: the student is obliged to do all laboratory exercises, and based on activity in exercises can achieve a maximum of 25 points (for a passing grade should achieve a minimum of 12 points).
- FINAL PART OF THE EXAM - Students who have collected the required number of points by all criteria (54 points), have the option of additional (verbally or in writing exam) for a higher final grade. The maximum number of points that can be obtained on the final exam is 30. The minimum number of points, which must be reached on the final exam is 18.

All the students who did not meet the conditions in one of the tests or who are not satisfied with the grade, but who have completed all other obligations of the course (have the signature of the subject teacher in the index) take the final exam. The student can not get a final grade if he has not passed all the tests.

- SEMINAR WORK OF STUDENTS: student has the opportunity to do one seminar work. Successfully prepared and verbally performed seminar work is evaluated with a maximum of 10 points (minimum 6 points), which are added to the total number of points achieved on other bases, in the formation of the final grade.

**20. Assessment components:**

The final grade is based on the total number of points obtained through prerequisites and the final exam, according to the quality of the acquired knowledge and skills. It has a maximum of 100 points, according to the following scale:

Regularity of teaching attendance (lectures + exercises): 5 points

Activity in laboratory exercises: 25 points

Tests (theory): 30 points

Seminar paper: 10 points

Final exam: 30 points

**21. Required reading list:**

Šostakov R i sar. (2008). Mere bezbednosti i zdravlja na radu sa sredstvima unutrašnjeg transporta, FTN, Niš.

**22. Web sources:****23. Applicable starting from the academic year:**

2015/2016

**24. Adopted in the Faculty/Academy session:**