Study program: Environmental Protection

Type and level of studies: Basic vocational studies of the first degree

ECTS credits: 7

Pre-requisites: 150 ECTS

Aim of the course

Prepare students to: systematize theoretical and practical knowledge acquired in the study program and in the professional practice, adopt ways of making practical engineering decisions in the field of environmental protection.

Learning outcomes

Student will be able to: apply acquired theoretical knowledge and skills from the study program through the practical application of knowledge in the field of environmental protection, plan, organize and implement an expert project task that meets specific initial goals, present project work through written documentation and oral presentation.

Syllabus

After collecting 150 ESPB, the student approaches the final paper. The final paper is the research and practical work of a student in which he is introduced to solving practical problems and methodology of practical research in one of the fields of the study program.

Procedures and forms related to professional practice are given on the website of the college:
http://www.vtsnis.edu.rs/preuzimanja_dokumenata.html

Final paper is written from any professional or professional-applicative subject, but includes knowledge and skills from several subjects.

The teacher of this selected subject is the mentor of the student's final paper. The mentor is an active participant in all stages of the final paper, and, if necessary, in the preparation of the paper, includes comments from the company (with the professional practice of the student) and other teachers in the College.

In addition to a basic overview of existing literature and / or legal-technical regulations in the selected field, the final paper should contain at least 2 of the following elements - analytical, calculation, design or experimental aspects.

The work is done on an individual basis, and it is desirable that it is related to specific knowledge acquired during professional practice in an enterprise or college in the field of environmental protection. The paper includes initial theoretical research in the field, after which the problems and goals of the final paper are defined. Then, student approaches solving, calculating, designing, etc. i.e. meeting the goals of paper. The paper should be supported by practical work or experiment, which involves experiment planning, data collection, data analysis, and the creation of written communication.

After conducting the research, the student prepares the final paper in the prescribed form containing the following chapters: Introduction, Aim of the paper, Theoretical research, Experimental research (Practical work), Results and discussion, Conclusion and Review of the used literature.

Upon completion of the paper, the student submits a written version of the final paper, which the commission reviews and approves of for oral presentation. The presentation is public.

Teaching methods

Mentoring, interactive, practical, demonstrative

Assessment methods and criteria (maximum number of points - 100)

The assessment of the final paper is based on general success of the student, the grade from the course from which the student is doing the final paper, assessment of the quality of the written paper,and the quality of the oral presentation of the final paper.