

Study program: Modern computer technologies			
Course: Professional Practice			
Professor: All teachers in the study program who lecture courses from professional and professional-applicative fields.			
ECTS: 3			
Pre-requisites: Students who enrolled in the second semester			
Aims Acquisition and application of modern technologies in the field of Modern computer technologies in economy and society, field teaching and practical implementation of projects, from professional subjects in a selected work organization, and in the function of developing a specialist paper. Professional practice enables students to fulfill some of the main work challenges related to students' readiness to meet new technologies, management teams, enterprise operations, quality assurance and external responsibility.			
Learning outcomes Students are expected to: <ul style="list-style-type: none"> - ask questions and propose solutions related to improving the effectiveness and efficiency of the existing practices, - have the ability to work in teams when solving complex problems of their profession, - use modern engineering tools for calculations, modeling, simulation, - acquire the skills to engage in planning, preparation, organization and management in the field of Modern computer technologies, - be trained to collect, analyze and systematise theoretical and practical problems from engineering practice and anticipate solutions and consequences in solving these problems, - collect data and prepare the practical part of work for specialist paper. 			
Content of professional practice Engineering practice is carried out in the second semester and is realized in working organizations of production, service and other activities, according to general and individual program contents, agreed between the co-mentors from the working organization, the course teachers - mentors and the student, all in the function of preparing a specialist paper. Procedures and forms related to professional practice are shown on the website of the college http://www.vtsnis.edu.rs/strucna_praksa.html In practice, the student performs general and specific tasks. General assignments mean that a student learns: the history of the company, its organizational structure, and the production program. Specific professional tasks that a student should undertake during practice are defined by the company's co-mentor and mentor-teacher. These are the thematic units that the student listened to in professional subjects, and now he is to apply this knowledge in practical conditions in the chosen company. Teachers-mentors and co-mentors are tasked with precisely defining work tasks and obligations for the students in order to introduce them to the organization of enterprises or institutions, working processes, technology, procedures for controlling the quality of products and services, manner of collecting and processing data related to specialist paper, etc. The company's co-mentor cooperates with the student on a daily basis, directs him and follows his work. Upon completion of the engineering practice, the student submits a report which, according to the content and form, corresponds to the instructions of teachers defined at the beginning of practice.			
Number of hours, if specified			0 + 0 + 45
Methods of practice Mentoring, interactive, practical, demonstrative.			
Assessment methods (maximum number of points 100)			
Practical teaching	70	Oral	30