



STUDENT CENTERED LEARNING

METHODOLOGY APPLICATION IN TEACHING AT MP PROTECTION ENGINEERING

HIGHER EDUCATION TECHNICAL SCHOOL OF PROFESSIONAL STUDIES IN NOVI SAD				
PROTECTION ENGINEERING - MASTER PROFESSIONAL STUDIES				
No	COURSE TITLE	TOPICS	APPLIED SCL METHODOLOGY	STUDENT CENTRED LEARNING OUTCOME
1	Investigation of causes, phases and consequences of fire	1 Landfill fires 2 Grain crop stubble fires 3 Fires of agricultural and construction machinery 4 Silo fires 5 Road vehicle fires (5 projects)	<p>Students themselves form teams of four/five members.</p> <p>Each team suggests a topic of their project assignment.</p> <p>The teacher provides literature, theoretical grounds and consulting, but most of the work is done by the students.</p> <p>Team tasks are fairly divided among the members.</p> <p>The team can exclude a member not contributing to the realisation of the assignment.</p> <p>The team has six weeks to prepare a paper and a presentation to be discussed with other students and the teacher.</p> <p>The assignment is assessed and all team members get the same grade.</p> <p>Tasks:</p> <ul style="list-style-type: none"> • Gather, select and study available literature resources in paper and e-form; • Collect required data; • Data analysis; • Define and discuss the causes of fires; • Determine phases of fires and their characteristics; • Discuss consequences of fires; • Propose fire safety improvement. 	<p><i>Learning outcomes describe the measurable skills, abilities, knowledge or values that students should be able to apply or demonstrate as a result of completing a program of study, a course or lesson.</i></p> <ul style="list-style-type: none"> • Mastering academic content; • Ability to recognize the valid and reliable source of information; • Data collection; • Analytic and systematic assessment; • Math, information, media, and technology skills; • Working collaboratively; • Communication skills; • Responsible decision-making; • Project management.