

UNIVERSITY OF NIŠ

Study Module (if applicable) -					
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Course Title Numerical Simulations of Transport Processes in Energy and Process Engineerin					
Trainened Simulations of Transport Focesses in Energy and Focess Engineering	Numerical Simulations of Transport Processes in Energy and Process Engineering				
Level of Study □ Bachelor □ Master's ⊠ Doctoral					
Type of Course □ Obligatory ⊠ Elective	□ Obligatory ⊠ Elective				
Semester □ Spring					
Year of Study II					
Number of ECTS Allocated 10					
Name of Lecturer/Lecturers Žarko M. Stevanović, Mića V. Vukić, Miloš M. Jovanović, Predrag M. Živković	Žarko M. Stevanović, Mića V. Vukić, Miloš M. Jovanović, Predrag M. Živković				
☐ Group tutorials ☐ Individual tutorials					
Teaching Mode ☐ Laboratory work ☐ Project work ☐ Seminar					
\Box Distance learning \Box Blended learning \Box Other					
Purpose and Overview (max. 5 sentences)					
To gain new knowledge in the field of numerical simulations in energy and process engineering. To enable stunde Endependently use CFD software. Carry on the experience in using CFD software.	idents to				
Syllabus (brief outline and summary of topics, max. 10 sentences)					
) Concept of software for numerical simulation in energy and process engineering. 2) Structures of modern soft momentum, heat and mass transfer. 3) Specifics of numerical simulations in energy and process engineering. 4) Acc numerical simulations. 5) Strategies to improve the accuracy of a numerical simulation. 6) Economic indicators of n simulations.	curacy of				
Language of Instruction					
☐ Serbian (complete course) ☐ Other (complete course)	☐ Other(complete course)				
☐ Serbian with English mentoring ☐ Serbian with other mentoring					
Assessment Methods and Criteria					
Pre exam Duties Points Final Exam Points					

Practical Work	50	Oral Examination	Max. 50		
Teaching Colloquia or Seminar	-	Overall Sum	100		
*Final examination mark is formed in accordance with the Institutional documents					