UNIVERSITY OF NIŠ

Course Unit Descriptor	Faculty	Faculty of Mechanical Engineering

GENERAL INFORMATION			
Study Program	Mechanical Engineering		
Study Module (if applicable)	-		
Course Title	Metal cutting technology		
Level of Study	☒Bachelor	☐ Master's	☐ Doctoral
Type of Course	☐ Obligatory	☒ Elective	
Semester	☐ Autumn	☒ Spring	
Year of Study	IV		
Number of ECTS Allocated	6		
Name of Lecturer/Lecturers	Miroslav R. Radovanović		
Teaching Mode	☒ Lectures	☐ Group tutorials	☐ Individual tutorials
	☒ Laboratory work	☒ Project work	☐ Seminar
	☐ Distance learning	☐ Blended learning	☐ Other

Purpose and Overview (max. 5 sentences)

Introduce students to the basics of metal cutting technology. The course is targeting both the theoretical and practical aspects of metal cutting technology.

Syllabus (brief outline and summary of topics, max. 10 sentences)

1) General introduction to metal cutting technology, 2) Turning, 3) Drilling. Milling, 4) Sawing. Shaping & Planing & Slotting. Broaching, 5) Grinding. Honing. Superfinishing. Lapping. Polishing, 6) Thread cutting, 7) Gear cutting.

Language of Instruction

☒Serbian (complete course) ☒ English (complete course) ☐ Other _____ (complete course)

☐Serbian with English mentoring ☐Serbian with other mentoring _____

Assessment Methods and Criteria

Pre exam Duties	Points	Final Exam	Points
Activity During Lectures	5	Written Examination	30
Practical Teaching	5	Oral Examination	30

Teaching Colloquia	**30**	**Overall Sum**	**100**
***Final examination mark is formed in accordance with the Institutional documents**			