

SYLLABUS

Course description

Course code	Course	SUBJECT IN THE FIELD OF SOCIAL SCIENCES OR IN THE FIELD OF HUMANITIES		
MB/O/I/ST/D2.1				
Language of instruction	English			
Academic year	2023/2024			
field of study:	Mechanics and machine construction			
field of specialisation:	All			
Educational level	first-cycle studies			
Education profile	general academic			
Mode of study	full-time studies			
Semester(s)	3			
Affiliation with a group of classes	D2			
Course status	eligible			
Types of classes, instruction hours, ECTS credits	Types of classes	Number of instruction hours	Number of ECTS credits	
	Lecture	30 [h]	2 ECTS	
Linkage of the course	with the education profile	-		
	with qualifications	-		
	with science discipline	Mechanical engineering		2 CTS
Form of teaching	Traditional – classes organized at the University classes conducted using distance learning methods and techniques			
Prerequisites	-			
Department	the department reporting the subject			
Coordinator	indicated in the subject syllabus			
The website of the basic organizational unit	indicated in the subject syllabus			
E-mail address, phone number of the coordinator	indicated in the subject syllabus			

LEARNING OUTCOMES, CURRICULUM CONTENT, TEACHING CLASSES, VERIFICATION OF LEARNING OUTCOMES

Learning Objective:	included in the subject syllabus
Curriculum Content:	included in the subject syllabus
Didactic (educational) methods:	included in the subject syllabus
Course assessment type, the criteria for assessing the achieved learning outcomes, and the method of calculating the final grade:	The condition for passing a subject is to achieve all the required learning outcomes specified for a given subject. Detailed criteria included in the syllabus of a given subject

Learning outcomes for the course in relation to the field of study learning outcomes and the type of classes				Methods of verifying learning outcomes	
Learning outcome number	Description of the learning outcomes for the course (PEU) A student who has passed the course (W) knows and understands / (U) can / (K) is ready to:	Field of study learning outcome (KEU)	Types of classes	Form of verification (credits)	Methods of testing and assessment
W1	has knowledge of the theoretical foundations of the finite element method (FEM) and its application to the static and strength calculations of bar structures	K_WK23	Lecture, Laboratory exercises	passing the subject for a grade	specified in the subject syllabus

Literature and teaching aids
included in the subject syllabus

Student workload required to achieve the assumed learning outcomes – the balance of ECTS credits			
Attendance, participation	Student workload [h].		
	Other contact hours (IGK)	Student's self-study hours Classes without a teacher (ZBN)	Classes
Participation in lectures/classes/lab	X	X	30 [h]
Meeting with teachers during their duty hours	2 [h]	X	X
Preparation for lectures/classes/lab , Preparation for ... credit / exam	X	18 [h]	X
Total student workload	2 [h]/ 0,1 ECTS	18 [h]/ 0,7ECTS	30 [h]/ 1,2 ECTS
ECTS credits for the course	50 h/ 2 ECTS		

Additional information, comments
<p>In the case of students with special needs, including disabilities, and chronic illnesses, the methods and forms of verification of learning outcomes specified above (in the syllabus) are adapted to the individual needs of these students, as appropriate.</p> <p>Detailed rules and forms of support for students with special needs, including those with disabilities and chronically ill, during classes, credits, and exams are specified in: University Regulations (Regulamin Studiów Uniwersytetu Technologiczno-Humanistycznego w Radomiu), Study Regulations (Zasady Studiowania), and Procedure for Ensuring Accessibility of the Educational Process to Students with Special Needs, Including Those with Disabilities and Chronically ill (Procedura dotycząca zapewnienia dostępności procesu kształcenia studentom ze szczególnymi potrzebami, w tym: z niepełnosprawnością, przewlekłe chorych).</p>

