

# SYLLABUS

## Course description

Course description				
Course code		Course	PRAKTYKA ZAWODOWA	
MB/O/I/NST/F01			APPRENTICESHIP	
Language of instruction		English		
Academic year		2023/2024		
<b>field of study:</b>		Mechanical engineering		
<b>field of specialisation:</b>		All		
Educational level		first-cycle studies		
Education profile		General academic		
Mode of study		Part-time studies		
Semester(s)		7		
Affiliation with a group of classes		Class group: Practice		
Course status		obligatory		
		Types of classes	Number of instruction hours	Number of ECTS credits
		Practice	160 [h]	5 ECTS
Linkage of the course	with the education profile	Related to conducted scientific activity regarding the strength and fatigue life of cycloidal gear and strength of load-bearing structures of transport machines and devices		0 ECTS
	with qualifications	It is used to acquire engineering competenses by the student		5 ECTS
	with science discipline	Mechanical engineering		5 ECTS
Form of teaching		Practical classes as part of work		
Prerequisites		-		
Department		Workplace or institution with a profile of activity consistent with the field of study, according to the student's choice and accepted by the Dean of the Faculty of Mathematics.		
Coordinator		Vice-dean of the Faculty of Mechanical Engineering		
The website of the basic organizational unit		http://wm.uniwersytetradom.pl		
E-mail address, phone number of the coordinator		dziekan.wm@uthrad.pl (48) 361-76-00		

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

Learning Objective:	Diploma (professional) practice is a summary, verification in industrial conditions as well as supplementation and extension of the acquired theoretical knowledge, as well as the acquisition of practical skills, as part of the information obtained from technical subjects: major and specialized.
Curriculum Content:	The practice is organized in modern industrial plants or institutions with a business profile consistent with the field of study. Students acquire knowledge and practical skills in technical and specialist subjects in the field of design, execution, operation and the basics of construction and technology for the production of structural elements, their assembly, diagnostics and testing. The diploma practice is a summary, verification in industrial conditions and a practical supplement to the acquired theoretical knowledge, as well as an extension of knowledge in the field of technical subjects: major and specialist.
Didactic (educational) methods:	Classes organized and carried out outside the University, on the premises of cooperating workplaces or institutions. Situational problem method; practice-practical methods: project; experiences; field observations and measurements.
Course assessment type, the criteria for assessing the achieved learning outcomes, and the method of calculating the final grade:	The condition for passing the course is to achieve all the required learning outcomes specified for the subject. 1. Internship report submitted to the internship supervisor. 2. Certificate from the workplace about the completion of the internship confirming the implementation of the following learning outcomes with a score on a scale of 2 to 5: • The student is able to apply theoretical knowledge in practice • The student is able to acquire practical skills; • The student has the ability to work in a team; • Ease of adapting the student to new situations; • Ability to communicate efficiently; • Ability to organize work and effective time management; • Student's involvement in the work performed; Ability to communicate in foreign languages (if applicable).

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	The student is able to apply theoretical knowledge in practice.	K_WG14 K_WG16 K_WG17	practice	Practice report + opinion from the workplace	The average of the grades from the report and the opinion of the workplace
W2	The student is able to apply theoretical knowledge in practice.	K_WK20 K_WK23	Practice	Practice report + opinion from the workplace	The average of the grades from the report and the opinion of the workplace
U1	The student is able to acquire practical skills.	K_UW02 K_UW08	Practice	Practice report + opinion from the workplace	The average of the grades from the report and the opinion of the workplace
U2	The student has the ability to work in a team.	K_UO20	Practice	Practice report + opinion from the workplace	The average of the grades from the report and the opinion of the workplace
U3	Ability to communicate efficiently.	K_UK15 K_UW12	Practice	Practice report + opinion	The average of the grades from the report and the

				from the workplace	opinion of the workplace
U4	Ability to communicate in foreign languages (if applicable).	K_UK17 K_UK18	Practice	Practice report + opinion from the workplace	The average of the grades from the report and the opinion of the workplace
K1	Ability to organize work and effective time management.	K_KK02	Practice	Practice report + opinion from the workplace	The average of the grades from the report and the opinion of the workplace
K2	Student's involvement in the work performed.	K_KK01 K_KO05	practice	Practice report + opinion from the workplace	The average of the grades from the report and the opinion of the workplace

Literature and teaching aids
In accordance with the basic and supplementary literature of technical subjects - major and specialized, the issues of which are used and implemented during the practice.

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 practice	X	X	160 [h]
Meeting with teachers during their duty hours	1 [h]	X	X
Preparation for passing	X	5 [h]	X
Total student workload	1 [h]/ 0,1 ECTS	5 [h]/ 0,2 ECTS	160 [h]/ 4.7 ECTS
ECTS credits for the course	166 h/ 5 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, przewlekle chorych).</p>

