

## SYLLABUS

### Course description

Course code	Course	<b>PRZYGOTOWANIE I ZŁOŻENIE PRACY DYPLOMOWEJ</b>		
MB/O/I/NST/H02		<b>DIPLOMA THESIS AND DIPLOMA EXAM PREPARATION</b>		
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	Group of classes: Preparation of the diploma thesis and preparation for the diploma examination			
Course status	obligatory			
Types of classes, instruction hours, ECTS credits	Types of classes	Number of instruction hours	Number of ECTS credits	
			15 ECTS	
Linkage of the course	with the education profile	related to the conducted scientific activity in the discipline to which the field of study is assigned		0 ECTS
	with qualifications	It is used to acquire engineering competences by the student		15 ECTS
	with science discipline	Mechanical engineering		15 ECTS
Form of teaching	Traditional – classes organized at the University /classes conducted using online learning methods and techniques			
Prerequisites	Obligatory work – applies to students who are graduating and have knowledge of the entire course of studies.			
Department	Faculty of Mechanical Engineering			
Coordinator	Supervisor - according to the student's choice			
The website of the basic organizational unit	<a href="http://wm.uniwersytetradom.pl">http://wm.uniwersytetradom.pl</a>			
E-mail address, phone number of the coordinator	<a href="mailto:dziekan.wm@uthrad.pl">dziekan.wm@uthrad.pl</a> (48) 361-76-00			

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

Learning Objective:	C1 - The purpose of the diploma thesis is to demonstrate the student's ability to plan and execute an independent project (theoretical and model study, construction project, technological project, research and experimental work) in the field of construction and operation of machines
Curriculum Content:	The engineering diploma thesis is an independent project of a theoretical and model, construction, technological or experimental nature in the field of construction and operation of machines
Didactic (educational) methods:	Classes organized at the University, carried out using distance learning methods and techniques / Independent work under the supervision of the supervisor
Course assessment type, the criteria for assessing the achieved learning outcomes, and the method of calculating the final grade:	Diploma exam

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 ( <b>W</b> ) knows and understands / ( <b>U</b> ) can / ( <b>K</b> ) is ready to:	Field of study learning outcome (KEU)	Types of classes	Form of verification (credits)	Methods of testing and assessment
W1	Knows and independently applies the rules for the completion of a diploma thesis of a theoretical and model, construction, technological or experimental nature in the field of construction and operation of machines and devices	K_WG01, K_WG02, K_WG04, K_WG06, K_WG09, K_WG10, K_WG11, K_WG14, K_WG16, K_WK20, K_WK22	-	Diploma exam	According to the promoter's and reviewer's assessment
U1	Is able to plan and perform a diploma thesis of a theoretical and model, construction, technological or experimental nature in the field of construction and operation of machines and devices	K_UW01, K_UW02, K_UW3, K_UW04, K_UW05, K_UW07, K_UW08, K_UW09, K_UW10, K_UW12, K_UW13, K_UW14, K_UK16, K_UK18, K_UU21	-	Diploma exam	According to the promoter's and reviewer's assessment
K1	He is aware of the need for professional conduct and compliance with the rules of professional ethics	K_KR07	-	Diploma exam	According to the promoter's and reviewer's assessment

Literature and teaching aids
<ol style="list-style-type: none"> <li>1. Marciniak J.: Poradnik realizacji prac dyplomowych. WISBIOP w Radomiu, Radom 2004</li> <li>2. Pytkowski W.: Organizacja badań i ocena prac naukowych. PWN, Warszawa 1981</li> <li>3. Pozostałe pozycje w literaturze są indywidualnie dobierane w zależności od tematu pracy realizowanej przez studenta.</li> </ol>

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	X
Meeting with teachers during their duty hours	15 [h]	X	X
Preparation for passing	X	300 [h] 60 [h]	X
Total student workload	15 [h]/ 0,6 ECTS	360[h]/14,4 ECTS	0 [h]/ 0 ECTS
ECTS credits for the course	375 [h]/ 15 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>

