

SYLLABUS

Course description

| Course description | | | | |
|---|----------------------------|--|--|------------------------|
| Course code | | Course | PRZYGOTOWANIE I ZŁOŻENIE PRACY DYPLOMOWEJ | |
| ME/O/I/ST/H02 | | | DIPLOMA THESIS AND DIPLOMA EXAM PREPARATION | |
| Language of instruction | | English | | |
| Academic year | | 2025/2026 | | |
| field of study: | | Mechanical Engineering | | |
| field of specialisation: | | All | | |
| Educational level | | First cycle studies | | |
| Education profile | | general academic | | |
| Mode of study | | Full-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 competenses by the student | | 15 ECTS |
| | with science discipline | Mechanical engineering | | 15 CTS |
| Form of teaching | | traditional - classes organized at the University | | |
| 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 | | 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: | 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 (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 | 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_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_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-KK01, K-KK02, K_KO05 | - | Diploma exam | According to the promoter's and reviewer's assessment |

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

| Student workload required to achieve the assumed learning outcomes – the balance of ECTS credits | | |
|--|--|---------------|
| Attendance, participation | Student workload [h]. | |
| | Student's self-study hours Classes without a teacher (ZBN) | Classes |
| Participation in lectures/classes/lab | X | ...[h] |
| Preparation for lectures/classes/lab , Preparation for ... credit / exam | 375 [h] | X |
| Total student workload | 375 [h]/ 15 ECTS | 0 [h]/ 0 ECTS |
| ECTS points per subject | 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> |

