

SYLLABUS

Course description

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|---|---|--|------------------------|--------|
| Course code | Course | PRAKTYKA ZAWODOWA | | |
| MB/O/I/NST/F01 | | APPRENTICESHIP | | |
| 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 | 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 | |
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| 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

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|---|---|
| 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

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.

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).

