SYLLABUS

Course description

<table>
<tr><td colspan="2">Course code</td><td rowspan="2">Course</td><td colspan="4">PRACA PRZEJŚCIOWA</td></tr>
<tr><td colspan="2">MB/O/I/NST/C1A.13</td><td colspan="4">SENIOR PROJECT</td></tr>
<tr><td colspan="3">Language of instruction</td><td colspan="4">English</td></tr>
<tr><td colspan="3">Academic year</td><td colspan="4">2023/2024</td></tr>
<tr><td colspan="3">field of study:</td><td colspan="4">Mechanical Engineering</td></tr>
<tr><td colspan="3">field of specialisation:</td><td colspan="4">all</td></tr>
<tr><td colspan="3">Educational level</td><td colspan="4">First-cycle studies</td></tr>
<tr><td colspan="3">Education profile</td><td colspan="4">general academic</td></tr>
<tr><td colspan="3">Mode of study</td><td colspan="4">part-time studies</td></tr>
<tr><td colspan="3">Semester(s)</td><td colspan="4">6</td></tr>
<tr><td colspan="3">Affiliation with a group of classes</td><td colspan="4">Specialization module</td></tr>
<tr><td colspan="3">Course status</td><td colspan="4">obligatory</td></tr>
<tr><td colspan="3" rowspan="4">Types of classes, instruction hours, ECTS credits</td><td>Types of classes</td><td>Number of instruction hours</td><td colspan="2">Number of ECTS credits</td></tr>
<tr><td>Seminars</td><td>16 [h]</td><td colspan="2" rowspan="3">2 ECTS</td></tr>
<tr><td></td><td></td></tr>
<tr><td></td><td></td></tr>
<tr><td rowspan="3">Linkage of the course</td><td>with the education profile</td><td colspan="3">related to the conducted scientific activity in the discipline to which the field of study is assigned (general academic profile)</td><td>0 ECTS</td></tr>
<tr><td>with qualifications</td><td colspan="3">serves the student to acquire engineering competences</td><td>2 ECTS</td></tr>
<tr><td>with science discipline</td><td colspan="3">Mechanical Engineering</td><td>2 ECTS</td></tr>
<tr><td colspan="2">Form of teaching</td><td colspan="4">Traditional – classes organized at the University /classes conducted using online learning methods and techniques</td></tr>
<tr><td colspan="2">Prerequisites</td><td colspan="4">-</td></tr>
<tr><td colspan="2">Department</td><td colspan="4">Faculty of Mechanical Engineering, UTH Radom</td></tr>
<tr><td colspan="2">Coordinator</td><td colspan="4">Przemysław Motyl, PhD</td></tr>
<tr><td colspan="2">The website of the basic organizational unit</td><td colspan="4">www.wm.uniwersytetradom.pl</td></tr>
<tr><td colspan="2">E-mail address, phone number of the coordinator</td><td colspan="4">p.motyl@uthrad.pl</td></tr>
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LEARNING OUTCOMES, CURRICULUM CONTENT, TEACHING CLASSES, VERIFICATION OF LEARNING OUTCOMES

Learning Objective:	Familiarizing students with the formulation of problems within the chosen specialty. Preparing students for the implementation of the diploma thesis and for the presentation of the results achieved.
Curriculum Content:	Requirements for transitional work. Copyright, responsibility for written text, standards and publishing requirements. Requirements for the presentation of transitional work. Project development. Preparation of project documentation. Preparation of transitional work and presentations. Presentations of transitional works.
Didactic (educational) methods:	Multimedia presentation
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. Subject credited on the basis of project evaluation

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 has knowledge of the use of computer methods in the design, diagnosis and elaboration of research results.	K_WG11 K_WG17	Seminar	Project	Correct execution of the task
W2	The student has knowledge in describing and presenting research results, design, analysis and diagnosis of technical systems.	K_WG09 K_WG16	Seminar	Project	Correct execution of the task
U1	The student is able to prepare a written study with project documentation containing the results of his work and a synthetic presentation of this study using a presentation program.	K_UW12	Seminar	Project	Correct execution of the task
U2	The student is able – in accordance with the given specification – to select methods and design and implement a simple device, object, system or process, typical for the design and manufacturing process using computer-aided engineering methods.	K_UW05 K_UW09 K_UW10	Seminar	Project	Correct execution of the task
K1	The student is able to constantly develop and supplement his knowledge.	K_KK01	Seminar	Project	Correct execution of the task
K2	The student is aware of the responsibility associated with decisions made as part of engineering activities, especially in terms of their own safety and the safety of others.	K_KO04	Seminar	Project	Correct execution of the task

Literature and teaching aids

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 seminars	X	X	16 [h]
Participation in .... classes/laboratory classes	X	X	[h]
Meeting with teachers during their duty hours	6 [h]	X	X
Preparation for seminars Preparing for credit	X	24 [h] 4 [h]	X
Total student workload	6 [h]/ 0,3 ECTS	28 [h]/ 1,1 ECTS	16 [h]/ 0,6 ECTS
ECTS credits for the course	50 h/ 2 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).