

SYLLABUS

Course description

Course code	Course	SEMINARIUM DYPLOMOWE		
MB/O/I/ST/H01		DIPLOMA SEMINAR		
Language of instruction	English			
Academic year	2023/2024			
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	
	Seminar	30 [h]	4 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		4 ECTS
	with science discipline	Mechanical engineering		4 CTS
Form of teaching	traditional - classes organized at the University			
Prerequisites	Basic knowledge and skills acquired during first-cycle studies			
Department	Faculty of Mechanical Engineering			
Coordinator	Decision of the authorities of the managing entity			
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:	The aim of the classes is: - acquiring the ability to write a diploma thesis, - acquiring the ability to collect, analyze and use the literature of the subject to solve engineering tasks.
Curriculum Content:	Presentation of formal requirements for writing diploma theses. Collecting and using the literature of the subject in the work being developed. Preparation of a schedule for the presentation of individual diploma theses. Analysis of students' speeches in terms of the correctness of the work structure. Ongoing control of students' progress in the implementation of topics and checking the course of consultations with supervisors. Preparation of assumptions for the thesis defense scenario and consultations on materials to be presented at the diploma exam.
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 and on the basis of the grade from the presentation

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
U1	Can identify and describe a simple engineering task of a practical nature in the field of designing and manufacturing machine parts and their operation	K_WG09 K_WG10 K_WG11 K_WG12 K_WG13 K_WG14 K_WG15 K_WG16 K_WK20 K_WK22 K_WK23 K_UW02 K_UW03 K_UW04 K_UW05 K_UW08 K_UW09 K_UW10	seminar	presentation	Ocena z prezentacji
U2	Can use various sources and databases to collect the necessary data to perform an engineering task	K_UW01 K_UW12 K_UW14 K_UK18	seminar	presentation	Ocena z prezentacji
U3	Is able to prepare a study/report on ongoing engineering works	K_UK16 K_UK17	seminar	presentation	Ocena z prezentacji
U4	Is able to analyze and effectively implement the assigned engineering task	K_UO19 K_UO20	seminar	presentation	Ocena z prezentacji
K1	He is ready to supplement his specialist knowledge throughout his life	K_KK01	seminar	presentation	Ocena z prezentacji
K2	He is ready to use the help of experts	K_KK02	seminar	presentation	Ocena z prezentacji

Literature and teaching aids

1. Budzeń H.: Przygotowanie pracy magisterskiej. Przewodnik metodyczny Wyd. Politechniki Radomskiej, Radom 2000
2. Lis S.: Poradnik organizacji projektowania dyplomowego. Oficyna Wydawnicza Politechniki Warszawskiej, Warszawa 1996
3. Majchrzak J., Mendel T.: Metodyka pisania prac magisterskich i dyplomowych. Wyd. Akademii Ekonomicznej, Poznań 1999 wyd. 3
4. Opoka E.: Uwagi o pisaniu i redagowaniu prac dyplomowych na studiach technicznych. Wyd. Politechniki Śląskiej, Gliwice 1999 wyd.2

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	30 [h]
Meeting with teachers during their duty hours	8 [h]	X	X
Preparation for passing	X	50 [h] 10 [h]	X
Total student workload	8 [h]/ 0,4 ECTS	60 [h]/ 2,4 ECTS	30 [h]/ 1,2 ECTS
ECTS credits for the course	98 h/ 4 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).

