

**COURSE SPECIFICATION**

Course code	full-time programme:	<b>M#2-S1-ME-604</b>
	part-time programme:	
Course title in Polish	<b>Praca przejściowa</b>	
Course title in English	<b>Pre-Final Project</b>	
Valid from (academic year)	<b>2024/2025</b>	

**GENERAL INFORMATION**

Programme of study	<b>MECHANICAL ENGINEERING</b>
Level of qualification	<b>first-cycle</b>
Type of education	<b>academic</b>
Mode of study	<b>full-time programme</b>
Specialism	<b>all</b>
Department responsible	<b>Department of Machine Design and Machining</b>
Course leader	<b>dr inż. Michał Skrzyniarz</b>
Approved by	<b>dr hab. Jakub Takosoglu, prof. PŚk, Dean of the Faculty of Mechatronics and Mechanical Engineering</b>

**COURSE OVERVIEW**

Course type	<b>programme-specific</b>	
Course status	<b>compulsory</b>	
Language of instruction	<b>English</b>	
Semester of delivery	full-time programme	<b>Semester VI</b>
	part-time programme	
Pre-requisites		
Examination required (YES/NO)	<b>NO</b>	
ECTS value	<b>1</b>	

Mode of instruction		lecture	class	laboratory	project	seminar
No. of hours per semester	full-time programme				<b>15</b>	
	part-time programme					

**LEARNING OUTCOMES**



Category of outcome	Outcome code	Course learning outcomes	Corresponding programme outcome code
Skills	U01	The student is able to independently extend and deepen knowledge in the areas covered by the programme in relation to the assigned work topic.	MiBM1_U03
	U02	The student will be able to undertake in-depth study of literature.	MiBM1_U03
	U03	The student is capable of designing and executing a simple engineering task.	MiBM1_U03 MiBM1_U04 MiBM1_U10 MiBM1_U11
	U04	The student is capable of preparing a report on the completed engineering task, appropriately interpreting the obtained results and collected information.	MiBM1_U03 MiBM1_U04 MiBM1_U10 MiBM1_U11
Competence	K01	The student becomes convinced of the necessity of lifelong learning throughout their career. They independently supplement and expand their knowledge in the field of modern processes and technologies in transportation, and critically approach their existing knowledge.	MiBM1_K03

## COURSE CONTENT

Type of instruction lecture	Topics covered
project	<p>A transitional project for students is a crucial stage in the educational process. It allows for the development of interests, the deepening of knowledge and the acquisition of skills necessary for the subsequent diploma work. Students have the opportunity to choose the topic of their transitional project. This allows them to focus on areas of interest and development. The choice of topic can be related to a specific issue, technology, scientific field or practical project. The transition project is supervised by experienced academic teachers who are specialists in their field. This allows students to receive support, guidance and expert opinion from professionals. Students work individually on project or theoretical tasks. These may be research, simulation or practical tasks, depending on the topic. The transition project requires independence and commitment. Despite the individual work, students meet regularly with the supervisor to discuss progress and resolve any problems. This is an important part of the process and allows the work to be adjusted to meet expectations and standards. The interim project aims to develop the ability to carry out one's own projects creatively. This is an important preparation for the dissertation, where independence and innovation are key. Students learn how to independently search for information on a given topic, draw conclusions from available sources and solve problems. This is a necessary skill for professional work. The transition project provides an opportunity to learn how to work with technical documentation. This enables them to understand the technical aspects of projects and their practical application. By carrying out project tasks, students develop their logical thinking and problem solving skills. This is important not only in education but also in professional life. The transitional project is an important stage in the students' development, preparing them for more advanced professional work.</p>

## ASSESSMENT METHODS





Outcome code	Methods of assessment (Mark with an X where applicable)					
	Oral examination	Written examination	Test	Project	Report	Other
U01				X		
U02				X		
U03				X		
U04				X		
K01				X		

**ASSESSMENT TYPE AND CRITERIA**

Mode of instruction	Assessment type	Assessment criteria
project	non-examination assessment	Positive completion of the project.

**OVERALL STUDENT WORKLOAD**

ECTS weighting												
No.	Activity type	Student workload										Unit
		full-time programme					part-time programme					
1.	Scheduled contact hours	L	C	Lb	P	S	L	C	Lb	P	S	h
					15							
2.	Other contact hours (office hours, examination)				2							h
3.	Total number of contact hours	17										h
4.	Number of ECTS credits for contact hours	0,7										ECTS
5.	Number of independent study hours	8										h
6.	Number of ECTS credits for independent study hours	0,3										ECTS
7.	Number of practical hours	25										h
8.	Number of ECTS credits for practical hours	1,0										ECTS
9.	Total study time	25										h
10.	ECTS credits for the course <i>1 ECTS credit = 25-30 hours of study time</i>	1										ECTS

**READING LIST**

1. Literatura specjalistyczna dla danego tematu pracy przejściowej.
2. Detyna B., Matuszek J., Szołtysek J. (2018), Praca dyplomowa. Inżynierska, magisterska, wyd.PWSZ AS, Wałbrzych.
3. Rawa T. (1999), Metodyka wykonywania inżynierskich i magisterskich prac dyplomowych, wyd. Akademii Rolniczo-Technicznej, Olsztyn.





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4. Węglińska Maria „ Jak pisać pracę magisterską? Poradnik dla studentów”, Oficyna Wydawnicza Impuls, 2016.



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