Kielce University of Technology

FACULTY OF MECHATRONICS AND MECHANICAL ENGINEERING

Annex 9
to the Rector's Ordinance No. 35/19
of 12 June 2019

COURSE SPECIFICATION

Course code	**M#1-S1-ME-708**
Course title in Polish	**Seminarium dyplomowe**
Course title in English	**Thesis seminar**
Valid from (academic year)	**2019/2020**

GENERAL INFORMATION

Programme of study	**MECHANICAL ENGINEERING**
Level of qualification	**first-cycle**
Type of education	**academic**
Mode of study	**full-time**
Specialism	**all**
Department responsible	**Department of Manufacturing Engineering and Metrology**
Course leader	**Krzysztof Stępień**
Approved by	

COURSE OVERVIEW

Course type	**basic**
Course status	**compulsory**
Language of instruction	English
Semester of delivery	**semester 7**
Pre-requisites	**NO**
Examination required (YES/NO)	NO
ECTS value	**2**

Mode of instruction	**lecture**	**class**	**laboratory**	**project**	**seminar**
No. of hours per semester					**30**

LEARNING OUTCOMES

Category of outcome	Out-come code	Course learning outcomes	Corresponding programme outcome code
Knowledge	W01	On completion of the course students have knowledge of development of the technical documentation with elements of engineering design using graphic and computational software.	MiBM1_W12
	W02	On completion of the course students will have elementary knowledge in the field of intellectual property protection.	MiBM1_W07
Skills	U01	On completion of the course, students will be able to conduct literary studies and independently explore the knowledge on the topic assigned in the work.	MiBM1_U03
	U02	On completion of the course students will be able to work individually and in a team; they will be able to estimate the time needed to complete the assigned task; they will be able to develop and implement a work schedule ensuring meeting deadlines.	MiBM1_U20
	U03	On completion of the course students will able to develop documentation for the implementation of an engineering task and prepare a text containing discussion of the results of this task.	MiBM1_U04
Competence	K01	On completion of the course students will aware of the responsibility for their own work, they will understand the need to comply with the rules of working in team and taking responsibility for jointly performed tasks.	MiBM1_K04
	K02	On completion of the course students will be aware of the social role of a technical university graduate and they will understand the need to communicate to the public information on achievements in an understandable way related to the field of mechanical engineering.	MiBM1_K06

COURSE CONTENT

Type of instruction*	Topics covered
seminar	As part of the thesis seminar, students will prepare and deliver presentations with the use of audiovisual aids on the following issues: 1) the results of the pre-final project carried out under the supervision of the supervisor in the previous semester and the subject, purpose and plan of the thesis, 2) articles selected with the supervisor's participation in Polish or English of a scientific or scientifically technical nature related to the topic of the thesis being prepared, 3) the current status of the thesis, the results of your research, conclusions from the work done, literature review. After each student's speech, a joint discussion takes place, questions are asked to the speaker asking for explanations and development of selected issues. Students will have the opportunity to share knowledge, experiences, encountered problems and exchange comments about the works they write, set directions for further work, present achievements. Additionally, students will learn the rules of writing a diploma thesis and the rules of composition text, proper layout, editorial requirements. The necessity to comply with the principles of ethics, intellectual and industrial property law is emphasized. At the end of the seminar, students will present the prepared diploma thesis or its fragments

*) Please delete rows in the table above that are not applicable.

ASSESSMENT METHODS

Outcome code	Methods of assessment *(Mark with an X where applicable)*					
	Oral examination	Written examination	Test	Project	Report	Other
W01						X
W02						X
U01						X
U02						X
K01						X

ASSESSMENT TYPE AND CRITERIA

Mode of instruction*	Assessment type	Assessment criteria
seminar	non-examination assessment	Regular class attendance. Assessment on the basis of the presented works, prepared diploma thesis or its fragments, activity during classes.

*) Please delete rows in the table above that are not applicable.

OVERALL STUDENT WORKLOAD

ECTS weighting								
	Activity type	Student workload					Unit
1.	Scheduled contact hours	L	C	Lab	P	S	h
						30	
2.	Other contact hours (office hours, examination)					2	h
3.	**Total number of contact hours**	32					h
4.	**Number of ECTS credits for contact hours**	1,3					ECTS
5.	**Number of independent study hours**	18					h
6.	**Number of ECTS credits for independent study hours**	0,7					ECTS
7.	**Number of practical hours**	62					h
8.	**Number of ECTS credits for practical hours**	2,5					ECTS
9.	**Total study time**	50					h
10.	**ECTS credits for the course** *1 ECTS credit = 25-30 hours of study time*	**2**					ECTS

READING LIST

1. Engineering report writing - Electrical and Computer Engineering Department University of Connecticut Storrs, CT 06269-2157 September 2003 Edition (https://www.ocf.berkeley.edu/~anandk/math191/Technical%20Writing.pdf)