

Subject programme

1. Subject name / subject module: **Preparation for the diploma exam**
2. Lecture language: **English**
3. **The location of the subject in study plans:**
 - Area or areas of the studies: Computer Engineering and Mechatronics
 - Degree of the studies: **1st degree studies**
 - Field or fields (implementation of effects standard): **Mechatronics**
4. Supervision of subject implementation:
 - The Institute / Another unit: **Institute of Informatics and Mechatronics**
 - The person responsible for the subject: **Szychta Elżbieta, prof. dr hab. inż.**
 - People cooperating in the development of the programme of the subject:
5. The number of hours and forms of teaching for individual study system and the evaluation method

Mode of study	Teaching activities with the tutor																				Total ECTS	
	Form of classes																					
	SOW	ECTS	Classes	SOW	ECTS	...	SOW	ECTS	...	SOW	ECTS	...	SOW	ECTS	...	SOW	ECTS	...	SOW	ECTS		
Full-time studies			16	34	2																	2
Part-time studies																						
Credit rigor	...		graded assignment																			

6. Student workload – ECTS credits balance
1 ECTS credit corresponds to 25-30 hours of student work needed to achieve the expected learning outcomes including the student's own work

Activity (please specify relevant work for the subject)	Hourly student workload (full-time studies/part-time studies)
Participation in classes	16/0
Preparation of presentation	20/0
Preparation for public speech	12/0
Participation in an exam / graded assignment / final grading	2/0
Total student workload (TSW)	50/0
ECTS credits	2
* Student's workload related to practical forms	50/0
Student's workload in classes requiring direct participation of academic teachers	16/0

7. Implementation notes: recommended duration (semesters), recommended admission requirements, relations between the forms of classes:

Knowledge of the field of study

Recommended duration of the subject is taken from the course plan.

8. Specific learning outcomes – knowledge, skills and social competence

Specific learning outcomes for the subject		Form	Teaching method	Methods for testing of (checking, assessing) learning outcomes
Outcome symbol	Outcome description			
Knowledge				
K_W12	Student knows and understands the basic issues related to obtaining information and issues related to distance learning and the practical application of this knowledge.	Classes	inquiry methods	Activity in the classroom, evaluation of the presentation of the engineering project.
Skills				
K_U18	Student is able to take part in a debate - to present and evaluate various opinions and positions, and to discuss them.	Classes	inquiry methods	Activity in the classroom, evaluation of the presentation of the engineering project.
Social competence				
K_K01	Student is ready to critically assess their knowledge and the content received.	Classes	inquiry methods	Activity in the classroom, evaluation of the presentation of the engineering project.

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9. Assessment rules / criteria for each form of education and individual grades

0% - 50%	ndst	81% - 90%	db
51% - 70%	dst	91% - 93%	db+
71% - 80%	dst+	94% - 100%	bdb

Activity	Grades	Calculation	To Final
Assessment of the presentation of the engineering project	bdb (5)	5*50%	2,5
Activity in classess	bdb (5)	5*40%	2
Attendance	at 80% of classes	0,80*5 = 4,0*10%	0,5
Final result			5

10. The learning contents with the form of the class activities on which they are carried out

Classes

1. Explaining the issues related to the diploma exam and preparation for a public speech regarding engineering project.

11. Required teaching aids

Classes - a room adapted for conducting classes in the form of classes / workshops, multimedia projector

12. Literature:

a. Basic literature:

- Sowińska B., graduate's guidebook, Bydgoszcz, 2012, ISBN 978-83-61036-62-3.
- Sowińska B., Rules for making footnotes, references and bibliography attached, Ed. 2 supplements and amendments, Bydgoszcz, 2012, ISBN 978-83-61036-548.

b. Supplementary literature:

- PN-ISO 690: 2012 Information and documentation. Guidelines for the preparation of footnotes bibliographic references and information resources.
- Węglińska M., How to write a master's thesis? Krakow, 2004, ISBN 83-7308-328-6.
- Zaczyński W., A guide for the author of seminar, diploma and master theses, Warsaw, 1995, ISBN 83-903103-7-6.
- Kaczmarek T. T., A guide for students writing a bachelor's or master's thesis [online] 2009 [access: August 30, 2011], Available on the World Wide Web:
- Kawczyński S., The problem of plagiarism in higher education. Characteristic electronic anti-plagiarism system, "E-mentor" [online], No. 2 (19) / 2007 [access: 26 July 2011], Available on the World Wide Web:, ISSN 1731-7428.

c. Internet sources:

13. Available educational materials divided into forms of class activities (Author's compilation of didactic materials, e-learning materials, etc.)

14. Teachers implementing particular forms of education

Form of education	Name and surname
1. Classes	Szychta Elżbieta, prof. dr hab. inż.