Subject programme

1. Subject name / subject module: **Ethics**
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: **Cichoracki Michał, dr**
   - 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

Teaching activities with the tutor																							
Mode of study	Form of classes																						Total
	Lecture	PWS	ECTS		PWS	ECTS	...	PWS	ECTS	...	PWS	ECTS	...	PWS	ECTS	...	PWS	ECTS	...	PWS	ECTS	ECTS
Full-time studies	8	5	0,5																			**0,5**
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 lectures	8/0
Independent study of the subject	**3/0**
Participation in an exam / graded assignment / final grading	2/0
Total student workload (TSW)	**13/0**
ECTS credits	**0,5**
* Student's workload related to practical forms	0/0
Student's workload in classes requiring direct participation of academic teachers	**8/0**

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

   None

   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_W15	**Student knows and understands the basic ethical determinants of engineering activities, with particular understanding of ethical and moral responsibility of the engineer in the context of constructed mechatronic systems.**	**Lecture**	**expository methods**	**Graded assignment – essay; test**
Social competence				
K_K07	**Student is able to be the creator and animator of the organization of its work, obeying the rules of ethics and professional ethics.**	**Lecture**	**expository methods**	**Graded assignment – essay; test**

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

0% - 60%	ndst	**81% - 90%**	db
61% - 70%	dst	**91% - 93%**	db+
71% - 80%	dst+	**94% - 100%**	bdb

Activity	Grades	Calculation	To Final
Test	**bdb (5)**	**5*50%**	**2,5**
Class tasks	**db, dst, bdb (4,3,5)**	**Average (3+4+5)/3=4*20% = 0,8**	**0,8**
Home work	**ndst, db, dst (2,4,3)**	**Average (2+4+3)/3=3*20% = 0,6**	**0,6**
Presence	**at 80% of classes**	**0,80*5 = 4,0*10%**	**0,4**
Final score			**4,3**

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

Lecture

1. Ethics as a science;
2. Teleologism in ethics;
3. Moral norm;
4. A person as a source of morality;
5. Conscience as a norm of morality;
6. Ethics in the contemporary challenges.

11. Required teaching aids

Lecture - multimedia projector

12. Literature:

a. Basic literature:

- Lynette M. Monteiro, Jane F. Compson, Frank Musten: Practitioner's Guide to Ethics and Mindfulness-Based Interventions, Springer 2017
- Roszkowska P: Business ethics : evidence from the world of finance.Warsaw School of Economics, Warsaw, 2015.

b. Supplementary literature:

- European textbook on ethics in research, Office for Official Publications of the Europ. Communities, Luksemburg 2012.

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. Lecture	Cichoracki Michał, dr