

POLITECHNIKA WROCLAWSKA

This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient and independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.) at home or abroad. It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgements, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

DIPLOMA SUPPLEMENT

Valid with the Diploma no. 164274

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1. Surname: Janik

1.2. First name(s): Marta

1.3. Date of birth (day, month, year): 30-08-1993

1.4. Student identification number, student's code or register's number: 205227

2. INFORMATION ON DIPLOMA³

2.1. Name of qualification (professional degree) : magister inżynier

2.2. Main field of study and field of specialisation and educational profile: Control Engineering and Robotics, Computerized Control Networks , general academic profile

2.3. Name and status of awarding institution': Politechnika Wroclawska (Wroclaw University of Science and Technology) - Public

2.4. Name and status of conducting studies' (if different than mentioned in point 2.3):

2.5. Language(s) of instructions/examinations: Wroclaw University of Science and Technology - Polish

3. INFORMATION ON THE LEVEL OF QUALIFICATION

3.1. Level of qualification: second-level studies

3.2. Official length of programme: 1,5 years (3 semesters); 91 ECTS

3.3. Access requirements: the first-cycle of studies completed with a title of at least an engineer in the main field of studies Control Engineering and Robotics, Computer Science, Electronics and Telecommunications, Teleinformatics, Electrical Engineering, Mechanical Engineering and Machine Building, Technical Physics, Mechatronics.

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED³

4.1. Mode of study: full-time studies

4.2. Programme requirements: The educational program is in line with the resolution of the Faculty Council (resolution of the Faculty Council of 7th May 2014, No. 110/4/23/2014), taking into account the learning outcomes for the field and degree of studies (resolution of the Wroclaw University of Science and Technology Senate of 15th May 2014, No. 402/20/2012-2016). The educational program includes the study program and study plan (including the number of hours of classes and credits), description of compulsory and optional educational modules, including general education modules, modules of basic sciences, main field-of study modules as well as specialization

4.3. Programme details concerning the course of studies - modules or units studied and the individual achievements/ grades/marks/ECTS credits obtained:

Year: 1 Term: 1		Points ECTS	No.of hours in a term					Grade				
No.	Course name		Lect.	Class.	Lab.	Sem.	Proj.	Lect.	Class.	Lab.	Sem.	Proj.
1.	Physics	1	15	-	-	-	-	3,0	-	-	-	-
2.	English language / B2+	1	-	15	-	-	-	-	4,5	-	-	-
3.	Social Communication	2	-	-	-	15	-	-	-	-	5,0	-
4.	Mathematics	1	15	-	-	-	-	3,5	-	-	-	-
5.	Mathematical methods of automation and robotic	6	30	30	-	-	-	4,5	-	-	-	-
6.	Modelling and identification	5	30	-	30	-	-	4,0	-	-	-	-
7.	Skiing (section)	2	-	60	-	-	-	-	-	5,5	-	-
8.	Electronic measurements	5	30	-	-	-	15	5,0	-	-	-	-
9.	Control theory	6	30	15	30	-	-	3,5	-	-	-	-

Year: 1 Term: 2		Points ECTS	No.of hours in a term					Grade				
No.	Course name		Lect.	Class.	Lab.	Sem.	Proj.	Lect.	Class.	Lab.	Sem.	Proj.
1.	Economy for engineers	2	15	-	-	-	-	5,0	-	-	-	-
2.	Computer Control Systems	5	30	-	30	-	-	4,0	-	-	-	-
3.	Computer-Aided Control Systems Design	4	-	-	75	-	-	-	-	5,0	-	-
4.	Optimization of discrete production processes systems devices	5	30	-	30	-	-	4,0	-	-	-	-
5.	Transition projekt	8	-	-	-	-	90	-	-	-	-	4,0
6.	Design laboratory of control	4	30	-	30	-	-	4,5	-	-	-	-
7.	Advanced Study Seminar	2	-	-	-	30	-	-	-	-	4,5	-

Year: 2 Term: 3		Points ECTS	No.of hours in a term					Grade				
No.	Course name		Lect.	Class.	Lab.	Sem.	Proj.	Lect.	Class.	Lab.	Sem.	Proj.
1.	Evolutionary algorithms	2	15	-	15	-	-	3,0	-	-	-	-
2.	Russian language A1	2	-	45	-	-	-	-	4,0	-	-	-
3.	Neural computing	2	15	-	-	-	15	5,0	-	-	-	-
4.	Optimization of discrete production processes	2	-	-	-	-	15	-	-	-	-	5,0
5.	Diploma work	12	-	-	-	-	150	-	-	-	-	4,0
6.	Specialisation project	2	-	-	-	-	30	-	-	-	-	4,5
7.	Entrepreneurship	3	15	-	-	15	-	5,0	-	-	-	-
8.	Distributed systems of control engineering	4	15	-	30	-	-	4,5	-	-	-	-
9.	Diploma seminar	3	-	-	-	30	-	-	-	-	3,0	-

Additional courses		Points	No.of hours in a term									
Year: 1	Term: 2	ECTS	Lect.	Class.	Lab.	Sem.	Proj.	Grade				
No.	Course name	2	-	60	-	-	-	Lect .	Class .	Lab.	Sem.	Proj.
	Skiing (section)							-	5,5	-	-	-

Year: 2 Term: 3		Points ECTS	No.of hours in a term					Grade				
No.	Course name		Lect.	Class.	Lab.	Sem.	Proj.	Lect.	Class.	Lab.	Sem.	Proj.
Skiing (section)		2	-	60	-	-	-	-	5,5	-	-	-

Comments:

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Diploma thesis:

Subject: Tracking objects using background subtraction algorithms.

Supervisor of diploma thesis: Dr inż Artur Chorążyczewski

Grade: good

4.4 Grading scheme and, if available, grade distribution guidance:

Grades	Digital equivalents
unsatisfactory	2,0
satisfactory	3,0
satisfactory plus	3,5
good	4,0
good plus	4,5
very good	5,0
excellent	5,5

The grade for the studies written on the diploma is established according to the rule:

Final grade for the studies	Grade for the studies on the diploma
to 3,19	dostateczny
3,2 - 3,69	dostateczny plus
3,7 - 4,09	dobry
4,1 - 4,53	dobry plus
4,54 - 5,5	bardzo dobry

Final grade for the studies is established according to the studies regulations.

In the case of a student whose average grade from her/his whole academic record is not lower than 4,65 and whose diploma dissertation (understood as a work) has been graded as at least "bardzo dobry" (very good) and who passed the diploma examination with at least grade "bardzo dobry" (very good) and at least one of the grades (from diploma dissertation or diploma examination) is "celujący" (excellent), grade "celujący" (excellent) is entered in her/his diploma.

4.5. Overall classification of the qualification: celujący

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study: III degree studies (PhD) in related fields

5.2. Professional entitlements (if applicable):

6. ADDITIONAL INFORMATION

6.1. Additional information, including trainings completed, awards received:

6.2. Further information sources:

7. CERTIFICATION OF THE SUPPLEMENT

7.1. Date: 31-07-2017

7.2. Signature of the basic organizational unit head's of the university:

7.3. The position of the person referred to in paragraph 7.2: Dean of the Faculty

7.4. Official stamp of the university: in the polish original

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

8.1. Access to the higher education

Total time of education till the moment of finishing school which gives possibility to take the high school final exam (secondary school leaving examination) is 12-15 years. After passing high school final examination (secondary school leaving examination), graduates get baccalaureate certificate which enables them to apply for admission to a university.

8.2. System of higher education

System of higher education and the basics of its operation are specified by the Act of 27 July 2005 - Law on Higher Education (Journal of Laws No. 164, item 1365, as amended). The provisions of this Act shall apply to public and private universities, and education is conducted on the same basis and under the same conditions.

Universities, regardless of their status, are divided into academic universities and vocational universities.

The academic university is the university, in which at least one organizational unit has the right to confer doctoral degrees.

The vocational university is the university conducting first or second-level studies or uniform Master's studies not having the right to confer the doctor's degree. Studies at universities are run as first-level, second-level or uniform Master's studies and also doctoral (third-degree/third level) studies. First-level studies may be conducted as licencjat degree studies, which last six or seven semesters, or inżynier degree studies that last seven or eight semesters. The second degree studies lasts three or four semesters. Uniform Master's studies last from nine to twelve semesters. Doctoral studies last no longer than four years. In a separate procedure, in accordance with the provisions of the Act of 14 March 2003 on Academic Degrees and Title and Degrees and Title in Arts (Journal of Laws No. 65, item 595, as amended), obtaining a doctoral degree or a doctoral degree in arts.

Higher education studies and doctoral studies can be run as full-time or part-time studies.

8.3. Degrees awarded to graduates of higher education

- licencjat, licencjat pielęgniarstwa, licencjat położnictwa, inżynier, inżynier pożarnictwa, inżynier architekt, inżynier architekt krajobrazu - awarded to first-level studies graduates,
- magister and equivalent titles: magister inżynier, magister inżynier architekt, magister inżynier architekt krajobrazu, magister inżynier pożarnictwa, magister pielęgniarstwa, magister położnictwa, magister sztuki - awarded to graduates of the second-level studies graduates
- magister and equivalent titles: lekarz, lekarz dentysta, lekarz weterynarii, magister farmacji, magister sztuki - awarded to graduates of uniform Master's studies.

8.4. Credit points

Number of ECTS credits outlined in the plan of study for a semester is 30, while for the year of study - 60. To get the diploma of the first-level studies, a student must obtain at least 180 ECTS credits, second-level studies - at least 90 ECTS credits, uniform Master's studies - at least 300 points in a system of five-year study and 360 ECTS credits in the system of six-year study.

8.5. Academic degrees, academic degrees in arts, academic title, academic title in arts

In accordance with the provisions of the Act of 14 March 2003 on Academic Degrees and Title and Degrees and Title in Arts (Journal of Laws No. 65, item. 595, as amended) degrees, degrees in arts and the title of profesor are awarded. The academic degrees are degrees of doktor and doktor habilitowany of a specific area of science in a given scientific discipline. Academic degrees in arts are the degrees of doktor and doktor habilitowany in a specific area of arts in a given artistic discipline. Academic degrees and academic degrees in arts are given by organizational units of the university and the Polish Academy of Sciences and research institutes, in accordance with their powers. Academic title is the title of profesor of a specific area of science, degree in arts is a profesor of arts. The title of profesor is given by the President of the Republic of Poland.

1 In original language.

2 Indicate the status of the higher education institution administering studies: State, non-State/State-recognised; indicate the name of the higher education institution offering the study programme jointly in original language.

3 If necessary additional pages may be added to fill in information in item 4.2-1 .1 and 6 1-6.2.