official stamp

UNIVERSITY OF ZIELONA GÓRA

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 independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed at home or abroad 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. 66250

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1. Surname: **Kot**

1.2. Given name(s): **Łukasz Szymon**

1.3. Date of birth (day, month, year): **24th January 1993**

1.4. Student identification number or code: **81475**

2. INFORMATION IDENTIFYING THE QUALIFICATION[3)]

2.1. Name of qualification (awarded degree)[1)]: **inżynier**

2.2. Field of study, major and profile: **Informatics, Networked Computer Systems, academic profile**

2.3. Name and status of awarding institution[1)]:
Uniwersytet Zielonogórski w Zielonej Górze utworzony na podstawie ustawy z dnia 7 czerwca 2001 roku, jest publiczną uczelnią wyższą. Posiada uprawnienia do nadawania stopni naukowych doktora i doktora habilitowanego. Uczelnia kształci w duchu Wielkiej Karty Uniwersytetów Europejskich i jest sygnatariuszem Porozumienia Uniwersytetów Polskich na Rzecz Jakości Kształcenia, w wyniku której utworzono Uniwersytecką Komisję Akredytacyjną.

2.4. Name and status of institution[2)] (if different from 2.3.): **as written above**

2.5. Language(s) of lectures/examination: **Polish**

3. INFORMATION ON THE LEVEL OF THE QUALIFICATION

3.1. Level of qualification: **first cycle programme with the title of engineer**

3.2. Official length of programme: **7 semesters**

3.3. Admission requirements: **ranking based on secondary school leaving certificate results**

4. INFORMATION ON THE CONTENTS AND RESULTS OBTAINED[3)]

4.1. Form of study: **full-time**

4.2. Programme requirements: **learning outcomes for the field of study were specified by the resolution No. 509 of UZ Senate of 25th April 2012, available at the website www.dk.uz.zgora.pl/efekty_ksztalcenia.php**

4.3. Programme details - modules or courses studied and the individual achievements /grades/ECTS credits obtained:

Semester I		**No. of hours**	**ECTS**	**Grade**
1	Linear Algebra and Analytical Geometry (C)	15		4,5
2	Linear Algebra with Analytical Geometry (L)	30	5	4,5
3	Algorithms and Data Structures (Lc)	15		4,0
4	Algorithms and Data Structures (L)	30	4	4,5
5	Mathematical Analysis (C)	30		4,0
6	Mathematical Analysis (L)	15	4	3,0
7	Computer Architecture I (Lc)	15		4,0
8	Computer Architecture I (L)	15	2	3,5
9	Physics (C)	15		3,5
10	Physics (L)	30	4	3,5
11	Logic for IT Specialists (C)	15		4,0
12	Logic for IT Specialists (L)	15	2	4,0
13	Mathematical Foundations of Engineering (C)	15		3,0
14	Mathematical Foundations of Engineering (L)	15	2	3,0
15	Principles of Programming (Lc)	30		4,0
16	Principles of Programming (L)	30	4	5,0
17	Experimental Methodology I (Lc)	15		4,5
18	Experimental Methodology I (L)	15	2	3,0
Semester II				
1	Computer Architecture II (Lc)	30		4,5
2	Computer Architecture II (L)	15	4	3,0
3	Work Safety with Elements of Ergonomics (L)	15	1	3,5
4	Stochastic Methods (C)	30		4,0
5	Stochastic Methods (L)	30	5	3,5
6	Foundations of Discrete Systems (C)	15		3,0
7	Foundations of Discrete Systems (L)	15	3	3,5
8	Object-Oriented Programming (Lc)	30		3,5
9	Object-Oriented Programming (L)	30	7	3,0
10	Computer Networks I (L)	30	2	3,5
11	Experimental Methodology II (Lc)	30		3,5
12	Experimental Methodology II (L)	15	4	4,5
13	Digital System Design (Lc)	30		3,0
14	Digital System Design (L)	30	4	4,0
15	Management of the Small and Medium-Sized Enterprises (L)	30	1	4,0
Semester III				
1	Computer Graphics (Lc)	30		4,0
2	Computer Graphics (L)	30	5	5,0
3	English Language I/Germany Language I (Lc)	30	2	4,0

4	Java Language and Web Technologies (Lc)	30		4,5
5	Java Language and Web Technologies (L)	30	6	3,5
6	Computer Networks II (Lc)	30		4,0
7	Computer Networks II (L)	30	6	4,0
8	Operating Systems I (Lc)	30		4,0
9	Operating Systems I (L)	30	4	3,5
10	Theoretical Foundations of Computer Science (C)	30		4,0
11	Theoretical Foundations of Computer Science (L)	30	6	4,5
12	Physical Education I (C)	30	1	pass
Semester IV				
1	Databases (Lc)	30		4,5
2	Databases (L)	30	7	4,5
3	Artificial Intelligence Components (Lc)	30		4,0
4	Artificial Intelligence Components (L)	30	7	3,0
5	Software Engineering (P)	15		5,0
6	Software Engineering (L)	30	5	5,0
7	English Language II/Germany Language II (Lc)	30	2	4,5
8	Parallel and Distributed Programming (Lc)	30		5,0
9	Parallel and Distributed Programming (L)	15	4	5,0
10	Operating Systems II (Lc)	30		4,0
11	Operating Systems II (L)	15	4	3,0
12	Physical Education II (C)	30	1	pass
Semester V				
1	Systems and Computer Networks Security (Lc)	30		3,5
2	Systems and Computer Networks Security (L)	30	4	3,5
3	English Language III/Germany Language III (Lc)	30	2	4,0
4	Interpersonal Communication (C)	30	2	4,0
5	Foundations of Software Modelling (P)	15		4,0
6	Foundations of Software Modelling (Lc)	30		4,5
7	Foundations of Software Modelling (L)	30	6	4,5
8	Embedded Systems (P)	15		4,0
9	Embedded Systems (Lc)	30		5,0
10	Embedded Systems (L)	15	6	4,5
11	Services for Mobile Networks (Lc)	30		3,0
12	Services for Mobile Networks (L)	30	4	3,0
13	Advanced Web Technologies (P)	15		4,0
14	Advanced Web Technologies (L)	30	6	4,0
Semester VI				
1	English Language IV/Germany Language IV (Lc)	30	3	5,0
2	NET Framework (Lc)	30		3,5
3	NET Framework (L)	30	4	4,5
4	3D Games Programming (Lc)	30		4,5
5	3D Games Programming (P)	15		5,0
6	3D Games Programming (L)	30	6	3,5
7	Mobile Devices Programming (P)	15		4,0
8	Mobile Devices Programming (L)	30	6	4,0
9	Computer Networks Design (P)	15	6	4,0

10	Computer Networks Design (L)	30		3,0
11	Graduate Seminar I (P)	30	2	4,0
12	Workgroup Project Management (Lc)	30		4,0
13	Workgroup Project Management (L)	15	3	4,5
Semester VII				
1	Renewable Energy Cources and Electric Wehicles (L)	30	2	pass
2	Fundamentals of Normalization (L)	15	1	pass
3	Practical (T)	160	5	pass
4	Graduate Seminar II (P)	90	10	5,0
5	Specialization Seminar (P)	90	10	5,0
6	Social and Professional Problems of Computer Science (L)	15	2	4,0
L - lecture , C - classes, Lc - laboratory classes, P - project, S - seminar,T - tutorial, Tr - training, I - introductory seminar, Pc - practical classes, Se - self-education, Dl - distance lecture, Dc - distance classes				

The total number of ECTS credits awarded: **210**
The arithmetic mean of all grades awarded in particular courses: **3,99**
Diploma thesis subject: **The development of blood donation center system via creating web portal for servicing blood donors in local departments of lubuskie voivodeship**
The grade awarded for the Diploma Paper: **good plus**
The grade awarded in the Diploma Exam: **good plus**

4.4. Grading scheme and, if available, grade distribution guidance:
The following grading system is used at University of Zielona Góra:
very good (5,0) / bardzo dobry
good plus (4,5) / dobry plus
good (4,0) / dobry
satisfactory plus (3,5) / dostateczny plus
satisfactory (3,0) / dostateczny
unsatisfactory (2,0) (fail) / niedostateczny
pass - zal.
fail - niezal.

In case the course curriculum includes a Diploma Paper, the final grade is calculated by adding the following averages:
1) 1/2 of the arithmetic mean of all grades awarded in particular courses, calculated on the basis of the provisions of § 25 point 1 of University Regulations
2) 1/4 of the grade awarded for the Diploma Paper
3) 1/4 of the grade awarded in the Diploma Exam
The total of weighted averages is rounded to two decimal places.
The final grade recorded in the University Diploma is calculated on the basis of the following conversion system specified in § 65 point 1 of University Regulations:

1) below 3,30 - satisfactory,
2) from 3,30 to 3,69 - satisfactory plus,
3) from 3,70 to 4,09 - good,
4) from 4,10 to 4,49 - good plus,
5) from 4,50 to 4,89 - very good,
6) from 4,90 - outstanding.

4.5. Final grade[1]: **dobry plus**

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study: **entitles to continue at the MSc level**

5.2. Possessed qualifications and professional status (if applicable): **A graduate holds the qualifications pursuant to the individual area of study**

6. ADDITIONAL INFORMATION[3]

6.1. Additional information - extracurricular activities and awards received:
Practical placement:
01-09-2014 - 26-09-2014 - Systemy Informatyczne CatsSoft, Zielona Góra -

6.2. Sources of further information:
University Regulations
www.uz.zgora.pl
http://www.weit.uz.zgora.pl/

7. CERTIFICATION OF THE SUPPLEMENT

DZIEKAN
Wydziału Informatyki Elektrotechniki i Automatyki
dr hab. inż. Marcin Mrugalski, prof. UZ

7.1. Date: **March 23rd 2017**

7.2. Signature of the head of the organisational unit of the institution: .....

7.3. Position of the person signed in 7.2: **the Dean of the Faculty of Computer Electrical and Control Engineering**

7.4. Official seal of the University:

official stamp

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

8.1. Access to the higher education

The total duration of education until completion of a school which offers the possibility of taking the secondary school leaving examination (maturity examination) is 12 - 15 years. Having passed successfully the secondary school leaving examination (maturity examination), graduates are awarded a secondary school leaving certificate which entitles them to apply for admission to a higher education institution.

8.2. Higher education system

Higher education system in Poland and the basis for its operation are laid down in the Act of 27 July 2005 - Law on Higher Education (Journal of Laws (Dz. U.) No. 164, item 1365, as amended). Its provisions are applied both to public and non-public higher education institutions, in which programmes of study are offered on the same basis and upon completion of the same requirements. Higher education institutions are divided, irrespective of their status, into academic and vocational ones.

An academic higher education institution is a school in which at least one of its organizational units is entitled to award the academic degree of **doktor**.

A vocational higher education institution is a school offering first or second-cycle programmes or long-cycle programmes, and which is not entitled to award the academic degree of **doktor**.

Study programmes are offered as first-cycle, second-cycle and long-cycle programmes and doctoral (third-cycle) programmes.

First-cycle programmes can lead to a **licencjat** degree and last six or seven semesters, or they can lead to an **inżynier** degree and last seven or eight semesters. Second-cycle programmes last three or four semesters.

Long-cycle programmes last from nine to twelve semesters.

Doctoral programmes last no longer than four years. Under a separate procedure, in compliance with the provisions of the Regulation of 14 March 2003 on the Academic Degrees and the Academic Title and on Degrees and Title in Arts (Journal of Laws (Dz. U.) No. 65, item 595, as amended), graduates are conferred the academic degree of **doktor** or **doktor w zakresie sztuki**.

Higher education programmes and doctoral programmes may be offered as full-time or part-time programmes.

8.3. Degrees awarded to graduates of higher education institutions

- licencjat, licencjat pielęgniarstwa, licencjat położnictwa, inżynier, inżynier pożarnictwa, inżynier architekt and **inżynier architekt krajobrazu** - awarded to graduates of first-cycle programmes,

- magister and equivalent degrees of **magister inżynier, magister inżynier architekt, magister inżynier architekt krajobrazu, magister inżynier pożarnictwa, magister pielęgniarstwa, magister położnictwa, magister sztuki** - awarded to graduates of second-cycle programmes,

- magister and equivalent degrees of **lekarz, lekarz dentysta, lekarz weterynarii, magister farmacji, magister sztuki** - awarded to graduates of long-cycle programmes.

8.4. ECTS

The number of the ECTS credits provided by the plan of studies for one semester is 30, while it is 60 ECTS credits for an academic year. To be awarded a diploma it is necessary to gather at least 180 ECTS credits upon completion of a first-cycle programme, at least 90 ECTS credits upon completion of a second-cycle programme, at least 300 ECTS credits upon completion of a long-cycle programme lasting five years and 360 ECTS credits upon completion of a long-cycle programme lasting six years.

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

Academic degrees, degrees in arts and the title of **profesor** are conferred under provisions of the Regulation of 14 March 2003 on the Academic Degrees and the Academic Title and on Degrees and Title in Arts (Journal of Laws (Dz.U.) No. 65, item 595, as amended).

The academic degrees are the degrees of **doktor** and **doktor habilitowany** of a specific area of science in a given scientific discipline. The degrees awarded in arts are the degrees of **doktor** and **doktor habilitowany** of a specific area of arts in a given artistic discipline. Academic degrees and degrees in arts are conferred by organisational units of higher education institutions and the Polish Academy of Sciences, as well as research institutes in compliance with their powers.

The academic title is the title of **profesor** of a specific area of science, while the equivalent title in arts is the title of **profesor** of a specific area of arts. The title of profesor is conferred by the President of the Republic of Poland.

[1] In original language.

[2] Indicate the status of the higher education institution administering the studies: public/non-public; indicate, in original language, the name(s) of the higher education institution(s) offering the study programme jointly.

[3] If necessary additional pages may be added to provide information in points 2.3, 2.4 , 4.2 - 4.4, 6.1 and 6.2.