POLITECHNIKA BIAŁOSTOCKA

DIPLOMA SUPPLEMENT
(COPY)
valid with/ Diploma no. 60001

1. HOLDER OF THE QUALIFICATION

1.1. Surname: *Kowalski*
1.2. First, second, etc. name(s): *Jan Antoni*
1.3. Date of birth (day/month/year): *02.02.1999*
1.4. Student ID number: *62521*

2. QUALIFICATION[1)]

2.1. Name of qualification[2)]: *inżynier*
2.2. Main field of study and educational profile: *Mechanical Engineering, educational profile: general academic*
2.3. Institution awarding the qualification[2)]: *Politechnika Białostocka public higher education institution*
Bialystok University of Technology, hereinafter referred to as "University" was established on 1 December 1949 as the Evening Engineering School (legal basis: Art. 98 paragraph 1 of the Decree of 29 October 1947 on the organization of science and higher education, Journal of Laws No. 66 item 415), and in 1964 transformed into the Higher School of Engineering (legal basis: Council of Ministers of 12 September 1964 Journal of Laws No. 35, item 230), and then in 1974 transformed into the University of Technology in Bialystok (legal basis: Council of Ministers 19 of September 1974 - Journal of Laws No. 34, item 199).
The University operates under the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2018, item 1668 as amended), and other provisions relating to universities and on the basis of the Statute Law of the University of Bialystok.
2.4. Institution administering studies[3)] (if different from institution in item 2.3): *as above*
2.5. Language(s) of instruction/examination: *Polish*

3. LEVEL OF THE QUALIFICATION

3.1. National Framework of Qualifications level[4)]: *First degree studies; Full qualification at level 6 of the Polish Qualifications Framework and the European Qualifications Framework*
3.2. Official length of programme: *a 7-semester course, 210 ECTS points, including 15 ECTS points for a 3-month (or 3-week) work experience internship*
3.3. Access requirement(s): *submission of maturity certificate, qualifications acceptable for enrolment*

4. CONTENTS AND RESULTS GAINED[1)]

4.1. Mode of study: *part time studies*
4.2. Learning outcomes:

Resolution No. 29/51/2012 of the Senate of Bialystok University of Technology of 24 May 2012 on determining learning outcomes for first cycle courses in the field of Mechanics and Construction of Machinery at Bialystok University of Technology

Symbol - After having completed a first cycle course in the field of Mechanics and Construction of Machinery, graduates - Reference to learning outcomes for the area of technical sciences

KNOWLEDGE

M1_W01 - have a systematised knowledge of mathematical analysis, in particular: numerical sequences, numerical and functional series; differential and integral calculus of functions of a single variable, and its applications; differential and integral calculus of functions of several variables, and its applications; differential calculus; elements of logics and linear algebra; numerical and calculation methods; fundamentals of analytic geometry; mathematical statistics - T1A_W01, T1A_W07

M1_W02 - have a systematised knowledge of classical physics and the fundamentals of quantum mechanics, in particular: basic knowledge of general principles of physics; systematised knowledge of linear motion and rotary motion mechanics; systematised knowledge of oscillating motion and wave motion mechanics as well as acoustics; systematised knowledge of optics and the fundamentals of quantum mechanics - T1A_W01, T1A_W07

M1_W03 - have a basic knowledge of chemistry, useful for understanding, formulating, and solving simple tasks concerning phenomena and processes occurring at various stages of machinery production and operation - T1A_W01,T1A_W07

M1_W04 - have a systematised and theoretically-based knowledge of technical mechanics, including the knowledge necessary to understand the laws of mechanics and to solve technical problems (including static, kinematic, and dynamic problems) - T1A_W01, T1A_W03, T1A_W04

M1_W05 - have a systematised and theoretically-based knowledge of performing strength analyses of machine parts - T1A_W01, T1A_W03, T1A_W04

M1_W06 - have a systematised and theoretically-based knowledge of fluid mechanics, in particular knowledge necessary to understand flow phenomena in processes, machines, and devices - T1A_W02, T1A_W04, T1A_W07

M1_W07 - have a thorough knowledge of the graphical representation of machine parts, their dimensioning, and preparing technical documentation - T1A_W03, T1A_W04, T1A_W07

M1_W08 - have a systematised and theoretically-based knowledge of the principles and methodologies of constructing mechanical devices - T1A_W03, T1A_W04, T1A_W07

M1_W09 - have the knowledge of designing and calculating assemblies and components of mechanical systems, including the knowledge of computer-aided technologies - T1A_W03, T1A_W04, T1A_W07

M1_W10 - have the knowledge of the life cycle of mechanical devices and systems as well as of planning and supervising tasks pertaining to operating machines and devices - T1A_W04, T1A_W06, T1A_W07

M1_W11 - have a basic knowledge of construction material properties and selection as well as methods of their properties forming - T1A_W02, T1A_W03, T1A_W07

M1_W12 - have a basic knowledge of applying technical thermodynamics to describing energy conversion in processes, machines, and devices - T1A_W01, T1A_W03

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4.3. Programme details: modules or units studied and individual grades/marks/ECTS credits obtained:

C - classes, L - labs, P - project work, S – seminar , W - lecture , WE - lecture + exam

	Number of Hours				***Marks***				***ECTS points***
Year: 1 Semester: 1	***C***	***P***	***W***	***WE***	***C***	***P***	***W***	***WE***	
Health and Safety Training	-	-	*20*	-	-	-	*credit.*	-	*3*
Mathematics I	*30*	-	-	*50*	*3*	-	-	*3*	*8*
Physics I	-	-	*30*	-	-	-	*3*	-	*5*
Engineering Graphics I	*20*	-	-	*30*	*3*	-	-	*3*	*7*
Mechanical Engineering I	*20*	-	*30*	-	*3*	-	*3*	-	*5*
Applied Informatics	-	*20*	*20*	-	-	*3*	*3*	-	*2*
Year: 1 Semestr: 2	***C***	***L***	***P***	***W***	***WE***	***C***	***L***	***P***	***W***	***WE***	
Mathematics II	*30*	-	-	-	*50*	*3*	-	-	-	*3*	*8*
Physics II	-	*10*	-	*40*	-	-	*3*	-	*3*	-	*5*

Engineering Graphics II	*-*	*-*	*20*	*20*	*-*	*-*	*-*	*3*	*4*	*-*	*4*
Mechanical Engineering II	*10*	*-*	*-*	*-*	*20*	*3.5*	*-*	*-*	*-*	*3.5*	*8*
Structural Materials	*-*	*-*	*-*	*20*	*-*	*-*	*-*	*-*	*3*	*-*	*3*
Foreign Language I	*20*	*-*	*-*	*-*	*-*	*3.5*	*-*	*-*	*-*	*-*	*2*

Year: 2 Semester: 3

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Year: 2 Semester: 4

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Year: 3 Semester: 5

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Year: 3 Semester: 6

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Year: 4 Semester: 7

Grade point average for thee marking period: 4,7
Total number of obtained point 210
*Degree thesis topic: "*Eksperymentalna analiza stopniowego prasowania stopów metali"/"*Experimental Analysis of Gradual-Angular Pressing of Metal Alloys"*
Diploma exam grade: better-than-good
Additional courses related to the field of study (not considered when calculating the average overall grade or the final grade studies): ……..

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

celujący (excellent) – 5,5
bardzo dobry (very good) – 5
dobry plus (better-than-good) – 4,5
dobry (good) – 4
dostateczny plus (better-than-satisfactory) – 3,5
dostateczny (satisfactory) – 3
nieodostateczny (fail/un satisfactory) - 2
The weighted average is calculated as a ratio of the sum of products of weights (ECTS points) and grades for each course subject to the sum of weights obtained during the studies
The calculation of the average grade accounts for all the grades obtained by the student including fails (the unsatisfactory ones).The final study grade is calculated by taking into account : 0.6 of the average grade obtained during the studies, 0.2 of the average grade for the graduate's degree thesis given by both the thesis supervisor and the reviewer, 0.2 of the average grade obtained at the diploma exam. The final study grade amounting to 3.25 denotes a satisfactory grade, from 3.26 up to 3.75 denotes a better-than-satisfactory grade, from 3.76 to 4.25 denotes a good grade, from 4.26 up to 4.50 denotes a better-than-good grade and from 4.51 to 5.0 denotes a very good grade. An excellent grade can be obtained by the graduate only if (s)he has never been penalized by the disciplinary committee, submitted her/his degree thesis on time, obtained a very good grade on both her/his degree thesis and diploma exam as well as the average grade during the studies not less than 4.7.

4.5. Overall classification[2)]: *dobry*

5. FUNCTION OF THE QUALIFICATION

5.1. Access to further study: *possibility of applying for second degree studies, postgraduate studies*

5.2. Professional status (if applicable)[5]:): *right to apply for qualifications related with the field of studies completed*

6. ADDITIONAL INFORMATION[1]

6.1. Additional information, including student apprenticeship and awards granted: *completed 4-week internship in company: SPRZEDAŻ CZĘŚCI AKCESORIÓW SAMOCHODOWYCH, became Laureate of the "Bialystok University of Technology Best Student of the Year" contest in academic year 2017/2018*

6.2. Further information sources: *www.pb.edu.pl; Ministerstwo Nauki i Szkolnictwa Wyższego 00 -529 Warszawa, ul. Wspólna 1/3, te. 22 628 67 76, www.nauka.gov.pl; Polska Komisja Akredytacyjna, 00-515 Warszawa, ul. Żurawia 32/34, te. 22 622 07 18, www.pka.edu.pl*

7. SUPPLEMENT CERTIFICATION

7.1. Date: *08.10.2019*

7.2. Signature and personal stamp of Rector[6], or printed text of personal stamp:

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7.3. Official University seal: ……..……

[1] Items 2.3, 2.4, 4.2–4.4, 6.1 and 6.2 might be extended by the appropriate number of pages if necessary.

[2] In the case of translation into a foreign language, the name of the university shall be left in its original language, and the qualification (professional title) and the result of the overall classification shall be left in Polish.

[3] Specify the status of the institution administering the studies (state or non-state university) and the names of the universities or institutions providing joint studies (in their original languages).

[4] Specify the level of the Polish Qualifications Framework for the qualification granted, described in the Diploma.

[5] In the case of studies preparing their students for performing the teaching profession, it is confirmed that the graduate:
a) has completed their education in accordance with the education standard preparing for performing the teaching profession,
b) has been trained to perform the teaching profession, and the subject or type of classes they can teach is specified.

[6] Or an authorised person holding a managerial position at the University.

8. HIGHER EDUCATION IN POLAND

8.1. Criteria of accessing the higher education system

The total number of years until graduating from school enabling the graduate to take the Baccalaureate (school-leaving) examination is 12 to 15. After having passed the Baccalaureate examination, the student receives the Baccalaureate certificate entitling them to apply for admission to universities.

8.2. Higher education system

The principles of functioning of higher education in Poland are specified in the Act of 20 July 2018 – Law on Higher Education and Science (Journal of Laws of 2018, item 1668 as amended). State universities are created by a state body. University studies are conducted as full-time or part-time first-cycle (BA, BSc, etc.) studies, second-cycle (MA, MSc, etc.) studies or uniform Master's degree studies. Full-time first-cycle studies last at least 6 semesters, and if the curriculum includes learning outcomes allowing for obtaining engineering competences – at least 7 semesters. Full-time second-cycle studies last from 3 to 5 semesters. Full-time uniform Master's degree studies last from 9 to 12 semesters. Part-time studies may last longer than their equivalent full-time studies. Qualifications obtained as a result of graduation in the higher education system are classified at the appropriate level of the Polish Qualifications Framework, specified in the Act of 22 December 2015 on the Integrated Qualifications System (Journal of Laws of 2018, item 2153 as amended). The diploma of completing first-cycle studies confirms full qualification at Level 6 of the Polish Qualifications Framework. The diploma of completing second-cycle studies and the diploma of completing uniform Master's degree studies confirm full qualification at Level 7 of the Polish Qualifications Framework.

8.3. Professional titles given to university graduates:

1) licencjat, inżynier and equivalent professional titles: inżynier architekt, inżynier pożarnictwa, licencjat pielęgniarstwa, licencjat położnictwa – are granted to graduates of first-cycle studies,
2) magister, magister inżynier and equivalent professional titles:
   a) magister inżynier architekt, magister inżynier pożarnictwa, magister pielęgniarstwa, magister położnictwa – are granted to graduates of second-cycle studies,
   b) lekarz, lekarz dentysta, lekarz weterynarii, magister farmacji, magister inżynier architekt – are granted to graduates of uniform Master's degree studies.

8.4. ECTS credits

Numbers of ECTS credits required to obtain the diploma of completing:
– first-cycle studies: at least 180 ECTS credits,
– second-cycle studies: at least 90 ECTS credits,
– uniform Master's degree studies: at least 300 ECTS credits (for 9- or 10-semester studies) or at least 360 ECTS credits (for 11- or 12-semester studies).