



DIPLOMA SUPPLEMENT

This Diploma Supplement follows the model 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 by the individual named on the original qualification to which this supplement is appended. It should be free from any value judgments, 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.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION		
1.1	Family name(s)	Wang
1.2	Given name(s)	Feng
1.3	Date of birth (day/month/year)	17/10/1982
1.4	Student identification number or code	B-2007-1025
2. INFORMATION IDENTIFYING THE QUALIFICATION		
2.1	Name of qualification and title conferred	Бакалавр техники и технологии (<i>Bakalavr tehniki i tehnologii - Bachelor of science in Engineering and Technology</i>). Title is not conferred.
2.2	Main field(s) of study for the qualification	Computer Systems Engineering and Informatics
2.3	Name and status of awarding institution	Государственное образовательное учреждение высшего профессионального образования Санкт-Петербургский государственный электротехнический университет «ЛЭТИ» им.В.И.Ульянова (Ленина) (Saint Petersburg Electrotechnical University «LETI») Status: State University / under jurisdiction of the Russian Federation Ministry of Education and Science
2.4	Name and status of institution administering studies	Same as in 2.3
2.5	Language(s) of instruction/examination	Russian
3. INFORMATION ON THE LEVEL OF THE QUALIFICATION		
3.1	Level of qualification	Qualification is the first stage of higher vocational education level (Bachelor/Bakalavr) – the scale 5A of the International Standard Classification of Education (ISCED).
3.2	Official length of programme	Four years of full-time study (7344 academic hours of theoretical studying according to the Russian Federation State Educational Standard), 240 ECTS Credits. In the Russian Federation the study workload is evaluated in Academic Hours (AH). One AH is 45 minutes. Workload of practical training, preparation and defense of Graduation Project is evaluated in weeks. One week of full-time study is 54 AH. One ECTS credit is approximately equal to 36 AH of total workload.
3.3	Access requirement(s)	The Certificate of Secondary (Complete) General Education (Attestat o Srednem (Polnom) Obschem Obrazovanii) and admission tests.
4. INFORMATION ON THE CONTENTS AND RESULTS GAINED		
4.1	Mode of study	<i>Full-time</i>
4.2	Programme requirements	In accordance with the State Educational Standard the Bachelor programme includes humanities, social economic courses, mathematical and natural science courses, general professional courses, at least four weeks of professional training, preparation and defence of final project and sitting for final state examination.
4.3	Programme details	Programme details include subjects, study work in ECTS credits, national grades and ECTS grades.
4.4	Grading scheme, grade distribution guidance	The national grades are based on a 2 to 5 scale. Where «excellent» (отлично - otlichno) stands for 5 out of 5; «good» (хорошо - khorosho) stands for 4 out of 5; «satisfactory» (удовлетворительно - udovletvoritelno) stands for 3 out of 5; «fail» (неудовлетворительно - neudovletvoritelno) stands for 2 out of 5. The assessment can be also made in terms of: «passed» (зачтено - zachtено) or «not passed» (не зачтено - nezachtено). The lowest passing grade is «satisfactory» (удовлетворительно) and «passed» (зачтено). Students are only permitted to enroll in the next year of study and to be awarded a Diploma if they have passing grades in each subject of the curriculum. The university grade scale is in the following correspondence with ECTS grades: «excellent» - A; «good» - C; «satisfactory» - D; «fail» - F
4.5	Overall classification	Диплом (Diplom – Diploma)

№	Subjects Studied	Credits	National	ECTS Grade
1 semester				
1	Algebra and Geometry	5	good	C
2	Engineering and Computer Graphics	3	good	C
3	Foreign Language	2	passed	A
4	History of Civilizations	2	satisfactory	D
5	Informatics	5	satisfactory	D
6	Mathematical Analysis	5	satisfactory	D
7	Physics	3	good	C
8	Programming	5	satisfactory	D
2 semester				
9	Algebra and Geometry	3	good	C
10	Discrete Mathematics	5	good	C
11	Ecology	2	good	C
12	Foreign Language	2	passed	A
13	History of Russia	2	good	C
14	Mathematical Analysis	5	good	C
15	Physics	5	good	C
16	Programming	4	satisfactory	D
17	Psychology	2	satisfactory	D
3 semester				
18	Algebra and Geometry	3	excellent	A
19	Foreign Language	1	passed	A
20	Mathematical Analysis	5	excellent	A
21	Mathematical Logic and Theory of Algorithms	4	good	C
22	Organizational Behavior	2	satisfactory	D
23	Philosophy	3	satisfactory	D
24	Physics	4	good	C
25	Structures and Algorithms of Data Processing	5	good	C
26	Theory of Electrical Engineering	3	good	C
4 semester				
27	Computer Systems Organization	5	satisfactory	D
28	Economics Theory	3	good	C
29	Foreign Language	2	passed	A
30	Metrology, Standardization and Certification	4	good	C
31	Probability Theory, Mathematical Statistics and Random Processes	4	satisfactory	D
32	Special Chapters of Mathematics	4	excellent	A
33	Structures and Algorithms of Data Processing	4	satisfactory	D
34	Theory of Electrical Engineering	4	good	C
5 semester				
35	Calculus Mathematics	4	good	C
36	Circuitry Engineering	5	satisfactory	D
37	Enterprise Economics	4	satisfactory	D
38	Foreign Language	2	passed	A
39	Law	2	satisfactory	D
40	Operational Systems	6	satisfactory	D
41	Optimization Methods	5	excellent	A
42	Professional Ethics	2	satisfactory	D
6 semester				
43	Database Systems	4	good	C
44	Foreign Language	1	good	C
45	Fundamentals of Control Theory	4	satisfactory	D
46	Managerial Decisions	1	good	C
47	Object-Oriented Programming	5	satisfactory	D
48	Production and Organisation Planning	3	excellent	A
49	Sociology and Political Science	2	excellent	A
50	Theory of Decision Making	4	excellent	A

№	Subjects Studied	Credits	National	ECTS Grade
7 semester				
51	Assembly-Language Programming	4	excellent	A
52	Computer Networks and Telecommunications	6	excellent	A
53	Distributed Databases	2	excellent	A
54	Microprocessors	6	good	C
55	Occupational Safety	4	satisfactory	D
56	Optimization in CAD	3	satisfactory	D
57	Simulation of Continuous Systems	5	satisfactory	D
8 semester				
58	Computer Graphics	4	good	C
59	Methods and Means for Computer Information Protection	5	good	C
60	Problem-Oriented Information Systems	5	excellent	A
61	Simulation of Continuous Systems	5	satisfactory	D
1	Final State Examinations	1	excellent	A
2	Preparation and defense of the Graduation Paper: <i>"Web application for e-commerce of mobile telephones"</i>	10	excellent	A
Practical Training				
1	Manufacturing Practice (6 sem.)	6	good	C
Total Number of Credits:		240		

Course Papers:

1	Programming (1 sem.)		satisfactory	D
2	Engineering and Computer Graphics (1 sem.)		good	C
3	Programming (2 sem.)		satisfactory	D
4	Discrete Mathematics (2 sem.)		good	C
5	Structures and Algorithms of Data Processing (3 sem.)		good	C
6	Structures and Algorithms of Data Processing (4 sem.)		satisfactory	D
7	Theory of Electrical Engineering (4 sem.)		good	C
8	Circuitry Engineering (5 sem.)		satisfactory	D
9	Enterprise Economics (5 sem.)		good	C

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1	Access to further study	The Bachelor Degree gives access to the programs of the second level of higher professional education – Магистр (Magistr - Master Degree)
5.2	Professional Status	This Diploma gives the right to carry out professional activities in accordance with the level of education and qualification.

6. ADDITIONAL INFORMATION

6.1	Additional Information	Saint Petersburg Electrotechnical University “LETI”(SPbETU) was established in 1886 as the Engineering College of the Department of Post and Telegraph of Russia. In 1891 it was reorganised into the Imperial Institute of Electrical Engineering - the first in Europe higher education institution for training engineers and researches in the field of Electrical Engineering. SPbETU was renamed since then several times. In 1992 the Institute was granted the university status and became the first Electrotechnical University in Russia. The University was regularly accredited by State authorities, last accreditation is granted on April 05, 2007. SPbETU is considered as one of the world largest education and research centres in Radio Engineering, Electrical Engineering, Electronics and Computer Science. In 1993 the Faculty of Humanities was opened and in 1999 the Faculty of Economics and Management was organised. There are about 1100 faculty members including 130 professors and more than 700 teachers with Ph.D. degree, over 8000 students and 300 postgraduates students. Today Saint Petersburg Electrotechnical University “LETI” is one of the leading centres of higher education and research in Russia.
6.2	Additional Information Sources	Official website of SPbETU: www.eltech.ru Official website of the RF Ministry of Education: http://www.informika.ru

7. CERTIFICATION OF THE SUPPLEMENT

This Diploma Supplement is valid with the original diploma № ДИБ 0033573, issued 21/06/2007

7.1	Date	21/06/2007	
7.2	Signature	7.3	Official Stamp/Seal
Rector _____			
Dean _____			
Secretary _____			

8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

Higher education system of Russian Federation is constituted of two parallel branches:
 - one-cycle (monoleveled) training system of Diploma Specialist (5 – 7 years for different specialities);
 - two-cycle (two leveled) training system: Bachelor (min 4 years) and Master (min 2 years).
 Higher professional education is based on the State Educational Standards determining requirements for structure and content of training.
 Postgraduate education includes two levels of scientific degrees: Kandidat Nauk (3 years) is considered equal to Ph.D. and Doktor Nauk is considered as D.Sc.

