YALOVA UNIVERSITY
Faculty Of Engineering
Yalova Üniversitesi, Merkez Kampüs, Çınarcık Yolu, Yalova Türkiye
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Diploma Supplement

Diploma Date / No: 19-02-2019

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):
[redacted]

1.2. Given name(s):
[redacted]

1.3. Date of birth(day/month/year):
04-06-1996

1.4. Student identification number:
[redacted]

2. Information Identifying The Holder Of The Qualification

2.1. Name of qualification and (if applicable) title conferred (original language):
Bilgisayar Mühendisligi, Lisans

2.2. Main field(s) of study for the qualification:
Computer Engineering, Bachelor

2.3. Name and status of awarding institution(in original language):
Yalova Üniversitesi, Devlet Üniversitesi
Yalova University, State University

2.4. Name and status institution (if different form 2.3) administering studies (in original language):
same as 2.3

2.5. Language(s) of instruction/examination:
Turkish

3. Information On The Level Of The Qualification

3.1. Level of qualification:
Bachelor Degree

3.2. Offical length of programme:
4 years, 8 semesters, 14 weeks per semester

3.3. Access requirement(s):
Students must comply with the legal and academic requirements to access the studies in Yalova University according to the process established by the ÖSYM (Higher Education Council Student Selection and Placement Centre) regulations. Students who have started studies in other universities within or outside of the country may apply for their recognition. The recognition record is unique for each student and therefore the procedure is carried out accordingly before the start of each academic year.

4. Information On The Contents And Results Gained

4.1. Mode of Study:
Full Time

4.2. Programme requirements:
Students graduating from this program's fourth year to be must successfully complete all courses. All courses in the curriculum of this degree succeeded, 12 week internship and graduation project successfully completed, providing a minimum of 240 ECTS credits and a GPA of at least 2.00/4.00 which is given to students.

Programme Objectives:
Computer Engineering Department , students, national and international academic in the field of information technology in organizations or to find a quality job for the theory and practice of modern engineers to train as combining the best way to conduct a training program . Our education system to our students , to analyze the work of an existing system , by identifying problems and finding creative solutions in a single , new projects for a new system aims to design and perform . As well as working life to advance personal and team work to make himself both oral and written expression , written sources to follow the advanced foreign language skills have , openness to innovation and self-reliance is intended to provide . In addition to the problems of age and be sensitive to fulfill their job responsibilities and basic and engineering sciences, engineering infrastructure, the title of which is connected to the computer to behave ethically in accordance aims to acquirement . Program , the majority of basic engineering sciences and computer engineering related to the compulsory courses which have . In addition, as required courses in the curriculum , students can choose elective courses according to their preferences are . Therefore, Computer Engineering Department , knowledge and skills with computer engineers as experts offer services and developments in the field with the self that has developed , teamwork compatible with all national and international regions ethical values and respect questioning modern engineers will grow.

4.3. Programme details, and the individual grades/marks/credits obtained

1. Semester

Code	Subject	Status	National Grade	ECTS Credit
AİB101	Principles Of Atatürk And Turkish Revolution-I	Required	BL (70)	3,00
BSM101	Algorithms and Programming 1	Required	DC	7,00
BSM105	Introduction to Computer Science and Engineering	Required	BB	5,00
FZK103	Physics 1	Required	BB	3,00
MAT101	Mathematics 1	Required	CC	6,00
TDB101	Turkish Language-I	Required	BL (83)	3,00
YDB101	Foreing Language-1 (English-1)	Required	BL (80)	3,00

2. Semester

Code	Subject	Status	National Grade	ECTS Credit
AİB102	Principles Of Atatürk And Turkish Revolution-II	Required	BL (51)	3,00
BSM102	Algorithms and Programming II	Required	CB	7,00
FZK104	Physics 2	Required	BB	3,00
MAT102	Mathematics - 2	Required	BB	6,00
MAT104	Linear Algebra	Required	DC	5,00
TDB102	Turkish Language- II	Required	BL (92)	3,00
YDB102	Foreing Language-2 (English-2)	Required	BL (84)	3,00

3. Semester

Code	Subject	Status	National Grade	ECTS Credit
BSM201	Data Structures	Required	BA	5,00
BSM203	Object-Oriented Programming I	Required	DD	6,00
BSM205	Fundamentals of Electrical Circuits	Required	DC	3,00
BSM207	Signals and Systems	Required	CB	4,00
MAT201	Differential Equations	Required	CC	4,00
MAT205	Discrete Mathematics	Required	BA	5,00
STJ-201	Internship 1	Required	BL	2,00

4. Semester

Code	Subject	Status	National Grade	ECTS Credit
BSM202	Database Systems	Required	DC	5,00
BSM206	Object-Oriented Programming II	Required	CC	6,00
BSM208	Electronic Circuits	Required	CC	3,00
BSM216	LOGIC CIRCUITS AND DESIGN	Required	BA	5,00
BSM218	Analysis of Algorithms	Required	CB	4,00
MAT202	Numerical Analysis	Required	DC	3,00
MUH202	Probability and Statistics	Required	DD	3,00
STJ-202	Internship 2	Required	BL	2,00

5. Semester

Code	Subject	Status	National Grade	ECTS Credit
BSM308	Web Programming	Required	DD	4,00
BSM301	Operating Systems	Required	DC	4,00
BSM303	Database Management Systems	Required	DC	4,00
BSM313	Software Engineering	Required	CC	4,00
BSM323	Computer Organization	Required	CC	4,00
ISG401	OCCUPATIONAL HEALTH AND SAFETY 1	Required	CB	2,00
BSM327	Programming Languages	Elective	CB	6,00
STJ-201	Internship 3	Required	BL	2,00

6. Semester

Code	Subject	Status	National Grade	ECTS Credit
BSM323	Aspect Oriented Programming	Elective	DC	6,00
BSM 318	Formal Languages and Automata Theory	Required	CB	4,00
BSM304	System Programming	Required	CC	5,00
BSM312	Microprocessors	Required	CB	4,00
BSM324	IMAGE PROCESSING	Required	BB	4,00
ISG 302	Work Health and Safety 2	Required	CC	2,00
SSD118	Text Analysis	Elective	BB	3,00
STJ-201	Internship 4	Required	BL	2,00

7. Semester

Code	Subject	Status	National Grade	ECTS Credit
SSD148	Photograph	Elective	CC	2,00
BSM449	Digital Data Communications	Required	CC	6,00
BSM493	Computer Engineering Project	Required	CC	2,00
BSM407	Project Management in Informatics	Elective	AA	5,00
BSM423	Fuzzy Logic	Elective	CC	5,00
BSM428	Artificial Intelligence	Elective	CC	5,00
BSM433	Introduction to Geographic Information Systems	Elective	CB	5,00
BSM445	Pattern Recognition	Elective	DD	5,00
STJ-201	Internship 5	Required	BL	2,00

8. Semester

Code	Subject	Status	National Grade	ECTS Credit
MUH402	Entrepreneurship	Required	AA	4,00
BSM 492	Gradution Thesis	Required	DC	2,00
BSM427	Genetic Algorithms	Elective	DC	5,00
BSM430	Neural Networks	Elective	DC	5,00
BSM441	Cloud Computing	Elective	CB	5,00
STJ-201	Internship 6	Required	BL	2,00

Total Credits	240,00
CGPA	2,20

Summer Practise

Staj Location	Internship Period	Accepted Number of Days	Date of Beginning	Date of Completion
İstanbul Üniversitesi Bilgi İşlem Direktörlüğü	15	10	19.08.2016	09.09.2016
Cemre Mühendislik	50	50	02.07.2018	05.10.2018

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

AA	4.00	CB	2.50	DD	1.00
BA	3.50	CC	2.00	FD	0.50
BB	3.00	DC	1.50	FF,DX,BL,BZ,D,M	0.00

Other grades :

I	: Incomplete	U	: Unsatisfactory		
S	: Satisfactory, Completion	P	: In-Progress	BL	: Successful

For short and first cycles, students must obtain at least DD or S from each course and have a CGPA of not less than 2.0 out of 4.00 and have completed all the courses and summer practices in the program.

Students who obtain a CGPA of 3.00-3.50 at the end of a semester are considered Honor Students and those who obtain a CGPA of 3.51-4.00 at the end of a semester are considered High Honor Students and this is recorded in their academic report.

For second and third cycles, students must obtain from each course at least CC or S for M.Sc. or M.A. and at least CB or S for Ph.D. and have a CGPA of not less than 2.00 out of 4.00 for M.Sc. or M.A and 2.50 out of 4.00 for Ph.D. and have completed all the courses including thesis in the program.

4.5. Overall classification of the qualification (in original language):

Genel Not Ortalaması	:	2,20 / 4.00	Orta
Cumulative Grade Point Average	:	2.20 / 4.00	Satisfactory

5. Information On The Level Of The Qualification

5.1. Access to further study:

May apply to Second Cycle (Master's degree)

5.2. Professional status (if applicable):

This degreee enables the holder to exercise the Profession

6. Additional Information

5.1. Additional information:

N/A

5.2. Further information source

Yalova University web site: www.yalova.edu.tr

University Online Catalogue web site: bologna.yalova.edu.tr/

The Council of Higher Education web site: www.yok.gov.tr

The Turkish ENIC-NARIC web site: www.enic-naric.net/members.asp?country=Turkey

7. Certification

7.1. Date:

01-03-2019

7.2. Name and Signature:

7.3. Capacity:

Head of Registrar's Office

7.4. Official Stamp or Seal:

8 - INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

Structure and Degree System

The basic structure of the Turkish National Education System consists of stages of noncompulsory pre-school education; compulsory primary (elementary and middle school) and secondary (high school) education; and higher education. Primary education begins at the age of 5.5 (66 months), lasts eight years and comprises elementary and middle school education, four years each. Secondary education is also four years and divided into two categories as "General High School Education" and "Vocational and Technical High School Education". The entry into these categories is through composite scores obtained from a centralized exam for secondary schools.

Higher education system in Turkey is managed by the Council of Higher Education (CoHE, Yükseköğretim Kurulu-YÖK) which is an autonomous public body responsible for the planning, coordination, governance and supervision of higher education within the provisions set forth in the Constitution of the Turkish Republic and the Higher Education Law. Both state and non-profit foundation universities are founded by law and subjected to the Higher Education Law and to the regulations enacted in accordance with it.

Higher education in Turkey comprises all post secondary higher education programmes, consisting of short, first, second, and third cycle degrees in terms of the terminology of the Bologna Process. The structure of Turkish higher education degrees is based on a two-tier system, except for dentistry, pharmacy, medicine and veterinary medicine programmes which have a one-tier system. The duration of these one-tier programmes is five years (300 ECTS) except for medicine which lasts six years (360 ECTS). The qualifications in these one-tier programmes are equivalent to the first cycle (bachelor's) plus second cycle (master's) degree. Undergraduate level of study consists of short cycle (associate's)-(önlisans derecesi) and first cycle (bachelor's)-(lisans derecesi) degrees which are awarded after successful completion of fulltime two-year (120 ECTS) and four-year (240 ECTS) study programmes, respectively.

Graduate level of study consists of second cycle (master's)-(yüksek lisans derecesi) and third cycle (doctorate)-(doktora derecesi) degree programmes. Second cycle is divided into two sub-types named as master without thesis and master with thesis. Master programmes without thesis require 60 to 90 ECTS credits and consist of courses and a semester project. 60 ECTS non-thesis master programmes are exceptional, and exist in a few disciplines. The master programmes with a thesis require 90 to 120 ECTS credits, which consists of courses, a seminar, and a thesis. Third cycle (doctorate) degree programmes are completed having earned a minimum of 180 ECTS credits, which consists of completion of courses, passing a proficiency examination and a doctoral thesis. Specialization in medicine, accepted as equivalent to third cycle programmes are carried out within the faculties of medicine, university hospitals and the training hospitals operated by the Ministry of Health.

Universities consist of graduate schools (Institutes) offering second cycle (master's) and third cycle (doctorate) degree programmes, faculties offering first cycle (bachelor's degree) programmes, four-year higher schools offering first cycle (bachelor's) degree programmes with a vocational emphasis and two-year vocational schools offering short cycle (associate's) degree programmes of a strictly vocational nature.

Since 2003, first cycle degree holders may apply directly to third cycle (doctorate) programmes if their performance at the first cycle degree level is exceptionally high and their national central Graduate Education Entrance Examination (ALES) score is also high and their application is approved. For these students, theoretical part of the programmes requires additional courses of 60 ECTS credits.

Admission of national students to short and first cycle degree programmes is centralized and based on a nationwide one/two-stage examination(s) conducted by an autonomous public body (Assessment, Selection and Placement Centre-ÖSYM). Candidates gain access to institutions of higher education based on their composite scores consisting of the scores on the selection examination and their high school grade point averages. Admission to graduate programmes is directly conducted by the higher education institutions (HEIs) within the frameworks of the publicly available national and institutional regulations. Admission of foreign students to programmes at all levels of higher education can be done by direct applications of candidates to HEIs based on publicly available national and institutional regulations.

The Turkish National Qualifications Framework for Higher Education (TYYÇ): The National Qualifications Framework for Higher Education in Turkey (TYYÇ) developed with reference to the QF for European Higher Education Area and the EQF for lifelong learning was adopted by the CoHE in 2010. The framework has been developed as a part of a single national qualifications framework, which would eventually consists of 8 level national framework covering all levels of educations on completion of the ongoing work at the national level, in which the higher education levels lie on levels between 5 to 8. The levels of the TYYÇ with reference to the European overarching qualifications frameworks as well as that to ECTS credits and student workload are shown below.

TYYÇ LEVELS, QUALIFICATIONS TYPES AND ECTS CREDITS

Higher Education Levels/Cycles			AWARDS/ DEGREES	LENGTH (Year)	TOTAL ECTS CREDITS (Year x 60 ECTS)	TOTAL STUDENT WORKLOAD (h) (1 ECTS= 25-30h)
QF-EHEA	EQF-LLL	TYYÇ LEVELS				
3	8	8	Doctorate Specialization in Medicine Doctorate in Art	3 (min.)	180 (min.)	4.500 – 5.400
2	7	7	Master's Degree	1 - 2	60 - 120	1.500 – 3.600
1	6	6	Bachelor's Degree	4	240	6.000 – 7.200
Short Cycle	5	5	Associate's Degree	2	120	3.000 – 3.600

GENERAL STRUCTURE OF THE TURKISH EDUCATION SYSTEM