

**TED UNIVERSITY**

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Diploma Supplement**Diploma No : 50012668****Diploma Date : 03.02.2016**

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 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.

M.S., Graduate School of Science and Engineering, TED UNIVERSITY**1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION**

- 1.1. Family name(s) :
- 1.2. Given name(s) :
- 1.3. Date of birth :
- 1.4. Student identification number :

2. INFORMATION IDENTIFYING THE QUALIFICATION**2.1. Name of the qualification:**

Mühendislik Yönetimi, Yüksek Lisans (Tezli)

Title conferred:

Mühendislik Yönetimi
Engineering Management

2.2. Main field(s) of study for the qualification:

Engineering Management

2.3. Name and status of awarding institution:

TED Üniversitesi, Vakıf Üniversitesi, Özel Kanunla Kurulmuş, Kar Amacı Gütmeyen, Devlet Tarafından Tanınan Vakıf Üniversitesi
TED University, Non-profit Foundation University, Foundation Supported, Public Legal Entity, Non-profit, State Recognized

2.4. Name and status of institution administering studies:

Same as 2.3

2.5. Language(s) of instruction / examination:

English (100%)

3. INFORMATION OF THE LEVEL QUALIFICATION**3.1. Level of qualification:**

Second Cycle (Master's Degree)

3.2. Official length of programme:

2 years, 2 semesters per year, 16 weeks per semester (including final exams)

3.3. Access requirement(s):

- To have a First Cycle (Bachelor's Degree) from a 4-year recognized university
- Admission is based on nation-wide postgraduate education entrance examination (ALES) or an equivalent international examination (GRE, GMAT etc.)
- Certificate of English Proficiency is required
- Acceptance is based on the evaluation of the department

4.INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study: Full Time

4.2. Programme requirements

Student must have a final Grade Points Average (GPA) of not less than 3.00/4.00 and have completed a minimum course load of 27 face-to-face credits and 90 ECTS with at least a letter grade of CC/P in the programme in order to graduate

Program Objectives:

The Engineering Management Master's Program aims to prepare high quality graduates who will:

- effectively utilize relevant technical and managerial tools in the solution of deterministic and stochastic engineering management problems of planning, control, decision making, innovation and entrepreneurship in production and service environments
- understand relationships between the management and engineering tasks, follow technical and managerial trends, and update their knowledge to be able to participate in the solution of contemporary problems
- function effectively in multidisciplinary teams to design and manage systems in their professional domains while adhering to highest standards of professional and ethical conduct

Program Learning Outcomes:

TED University Engineering Management master graduates will have:

- An ability to apply knowledge of mathematics, science, and relevant engineering methods in the solution of Engineering Management problems
- An ability to conduct experiments related to operations, and processes of management systems as well as to analyze and interpret data
- An ability to carry out the design of an operational system and its various components and processes for Engineering Management applications
- An understanding of the importance of teamwork, know how to develop effective teams and have an ability to function on inter-disciplinary teams
- An ability to identify, formulate, and solve Engineering Management problems
- An understanding of professional ethical responsibility
- An ability to communicate effectively individually and in teams
- The broad education necessary to understand the impact of engineering and enterprise solutions in a global and societal context and will have entrepreneurial skills to convert innovative ideas into products and services
- A recognition of the need for, and an ability to engage in life-long learning
- Knowledge of contemporary issues related to Engineering Management
- An ability to use the techniques, skills, and modern engineering tools necessary for managerial decision making practice

4.3 Program details and the individual grades/marks/credits obtained:

Curriculum courses

Course Code	Course Name	Course Category	Credit (face- to-face)	Grade	ECTS
BA 503	FINANCIAL AND MANAGERIAL ACCOUNTING	Required Course	3	BB	7.5
BA 504	FINANCIAL MANAGEMENT	Required Course	3	BB	7.5
EM 591-O	PRE-THESIS SEMINAR	Required Course	3	P	7.5
EM 592-O	THESIS	Required Course	3	P	30
IE 537	MATHEMATICAL PROGRAMMING FOR ENGINEERING MANAGEMENT	Required Course	3	CB	7.5
IE 547	MODELLING AND ANALYSIS OF UNCERTAINTY	Required Course	3	BB	7.5
BA 573	PROJECT MANAGEMENT	Secondary Field	3	BB	7.5
CE 517	CONSTRUCTION SITE MANAGEMENT	Secondary Field	3	AA	7.5
CE 519	CONTRACT AND CLAIM MANAGEMENT	Secondary Field	3	BA	7.5

Total ECTS credits: 90

Total face-to-face credits: 27

Cumulative Grade Point Average (GPA): 3.14 out of 4

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

PERCENTAGE	LETTER GRADE	WEIGHT
90-100	AA	4.0
85-89	BA	3.5
80-84	BB	3.0
75-79	CB	2.5
70-74	CC	2.0
60-69	DC	1.5
50-59	DD	1.0
49-<	F	0
0	FX	0

(NC) The letter "NC" (Non-Credit) is given for completed courses not included in the calculation of grade point average.

(W) The letter "W" (Withdrawal) is given to students who withdraw from a course within the withdrawal period mentioned in the academic calendar.

(P) The letter P (Pass), is given to students who have fulfilled all requirements of a "Pre-Thesis Seminar Course," or the "Graduation Project" or "Thesis," which is/are necessary for the completion of the programme registered.

4.5. Overall classification of the qualification: Başarılı\Satisfactory

Genel Ağırlıklı Not Ortalaması / Cumulative Grade Point Average : 3.14 / 4.00

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study: May apply to third cycle

5.2. Professional status (if applicable): This degree enables the holder to exercise the profession

6. ADDITIONAL INFORMATION

6.1. Additional Information:

N/A

6.2. Further Information Sources:

University web page: <http://www.tedu.edu.tr>

Online Course Catalogue: <https://www.tedu.edu.tr/tr/course-catalog>

The Council of Higher Education of Turkey: <http://www.yok.gov.tr>

The Turkish ENIC-NARIC: <http://www.enic-naric.net/members.asp?country=Turkey>

7. CERTIFICATION OF THE SUPPLEMENT

7.1. Date: 18.09.2017

7.2. Name and signature: Ayşegül Öden

7.3. Capacity: Student Affairs Manager

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 full-time 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

