

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.

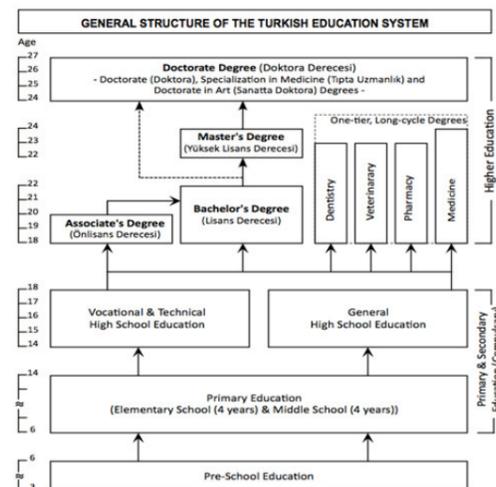
Since 2003, first cycle degree holders may apply directly to third cycle (doctorate) programmes if their performance at the first cycle degree level is exceptionally high and their national central Graduate Education Entrance Examination (ALES) score is also high and their application is approved. For 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



KARABÜK ÜNİVERSİTESİ DIPLOMA SUPPLEMENT

Diploma No:
Diploma Date:

Balıklar Kayası Kampüsü, 78050
Karabük/TURKEY
Phone: +90 (0370) 433 82 00 pbx
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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 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.

1. INFORMATION IDENTIFYING THE HOLDER OF THE QUALIFICATION

1.1. Family name(s):

1.2. Given name(s):

1.3. Date of birth (day/month/year):

1.4. Student identification number or code (if available):

2. INFORMATION IDENTIFYING THE QUALIFICATION

2.1. Name of the qualification and (if applicable) title conferred (in original language):

İmalat Mühendisliği, Yüksek Lisans (Tezli)

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

Manufacturing Engineering, Master of Science (With Thesis)

2.3. Name and status of awarding institution (in original language):

Karabük Üniversitesi, Devlet Üniversitesi
Karabük University, a State University

2.4. Name and status of institution (if different from 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:

Second Cycle (Master's Degree)

3.2. Official length of programme:

2 years, 2 semesters per year, 17 weeks per semester.
Master's Degree with a thesis = 120 Credits (ECTS).
Master's Degree without a thesis = 90 Credits (ECTS).

3.3. Access requirement(s):

Bachelor's Degree,
minimum 55 points from centralized
Postgraduate Study Exam (ALES),
minimum collective score of 65 out of 100 on
acceptance evaluation.

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

4.1. Mode of study:

Full-time

4.2. Programme requirements:

In order to qualify for the award of a Master's Degree, a student must have completed

- 7 courses with minimum 21 local credits,
- one seminar and pass its oral examination,
- submission of a M.Sc. Thesis and pass its oral examination,
- a minimum CGPA of 2.50/4.00 (70/100) and 120 ECTS and no failing grades.

The aim of the Masters' Degree study is to provide students an opportunity to apply the knowledge and skills acquired in graduate studies to solve a specific problem and/or acquire in-depth knowledge on a specific topic.

4.3. Programme details (e.g., modules or units studied), and the individual grades/marks/credits obtained (if this information is available on an official transcript this should be used here):

COURSE ID	COURSE NAME	CATEGORY (Comp./Elect.)	NATION. CREDIT	GRADE	ECTS CREDIT
Semester 1-2					
FBE701	Entrepreneurship	Compulsory	0	AA	8
IMM701	Advanced Materials Science	Compulsory	3	BA	6
IMM704	Phase Diagrams in Metallurgy	Elective	3	BA	8
IMM707	Plastic Deformation of Metals and Alloys	Elective	3	BB	8
IMM715	Finite Elements Methods	Elective	3	BA	8
IMM724	Machining of Engineering Materials	Elective	3	BA	8
IMM725	Manufacturing Methods	Elective	3	BA	8
IMM735	Dynamic Finite Element Analyze	Elective	3	BA	8
Thesis Semester					
IMM797	M. Sc. Seminar	Compulsory	0	G	6
IMM798	M. Sc. Field of Specialization	Compulsory	0	G	4
IMM798	M. Sc. Field of Specialization	Compulsory	0	G	4
IMM799	M. Sc. Thesis Research	Compulsory	0	G	26
IMM799	M. Sc. Thesis Research	Compulsory	0	G	26

Title of Graduate Seminar: Finite Element Approach In Engineering
Title of Graduate Thesis : An Investigation Into The Cutting Off of Hardened Aisi 52100 Material By Abrasive Disc

The courses of IMM798 and IMM799 are taken in 2 semesters in preparation for M.Sc. Thesis.

TOTAL CREDITS: 21	TOTAL ECTS CREDITS: 128	CGPA: 3.43
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* ERS coded courses were taken under the Erasmus/LLP Exchange Programme
* FRB coded courses were taken under the Farabi Exchange Programme
* MVL coded courses were taken under the Mevlana Exchange Programme

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

For each course taken, the student is given one of the following grades by the course teacher. The letter grades, grade points and percentage equivalents are given below.

AA	4.0	95-100	Excellent
BA	3.5	85-94	Very Good
BB	3.0	75-84	Good
CB	2.5	65-74	Satisfactory
G			Sufficient
F1			Fail
F2			Fail
F3			Fail
K			Fail

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

Genel Not Ortalaması: 3.43/ 4.00 (İyi-Pekiyi)

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study:

May apply to third cycle programmes.

5.2. Professional status (if applicable):

This degree enables the holder to exercise the profession.

6. ADDITIONAL INFORMATION

6.1. Additional information:

University web site: www.karabuk.edu.tr

6.2. Further information sources:

The Council of Higher Education web site: www.yok.gov.tr
Turkish ENIC-NARIC Web Site: www.enic-naric.net/index.aspx?c=Turkey
Online course catalogue: <http://ects.karabuk.edu.tr/cc.aspx?id=fbe/imm/imm&p=3>
Department web site: <http://fbe.karabuk.edu.tr/imalat/defaulteng.htm>

7. CERTIFICATION OF THE SUPPLEMENT

7.1. Date:

26.08.2015

7.2. Name and signature:

Mustafa CÜNÜK

7.3. Capacity:

Head of Student Affairs

7.4. Official stamp or seal: