

## 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.

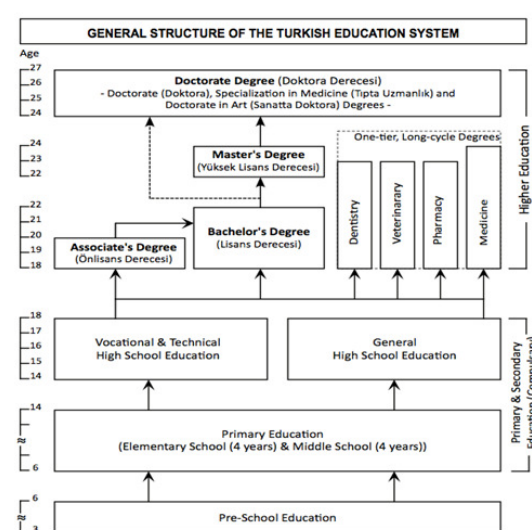
Since 2003, first cycle degree holders may apply directly to third cycle (doctorate) programmes if their performance at the first cycle degree level is exceptionally high and their national central Graduate Education Entrance Examination (ALES) score is also high and their application is approved. For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

Metal Öğretmenliği , Lisans

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

Metallurgy Education

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:

First Cycle (Bachelor's Degree)

3.2. Official length of programme:

4 years (excluding one year of English preparatory school), 2 semesters per year, 17 weeks per semester. 4 Years = 240 Credits (ECTS)

3.3. Access requirement(s):

High school diploma, placement through a nation-wide Student Selection Examination (ÖSS)

### 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 Bachelor's Degree, the student must complete  
-all courses in the curriculum,  
-an 8-week industrial training period,  
-a minimum CGPA of 2.50/4.00 (60/100) and 240 ECTS and no failing grades.

The Bachelor's Degree Programme provides students with fundamental knowledge on material science, welding and metal forming, and related technologies. It is essential that students graduating from this Programme have sufficient knowledge and experience in these fields. The Programme enables students to have analytical and logical thinking skills, as well as theoretical and laboratory proficiencies in this field.

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
<b>Semester 1</b>					
AIT181	Atatürk's Principles and History of Revolutions I	Compulsory	2	A2	2
BED181	Physical Education I	Elective	2	A1	2
EGT101	Introduction to Teaching Profession	Compulsory	3	A1	3
FIZ191	Physics	Compulsory	3	C	3
MAT187	Mathematics I	Compulsory	4	A2	4
MET109	Oxy Gas Welding Technology	Compulsory	2	B1	2
MET115	Oxy Gas Welding Technics	Compulsory	6	B1	4
TBT181	Usage of Basic Computer Technologies	Compulsory	2	A1	2
TSK103	Technical Drawing I	Compulsory	3	B1	4
TUR181	Turkish Language I	Compulsory	2	B1	2
YDL183	Foreign Language I	Compulsory	2	A1	2
<b>Semester 2</b>					
AIT182	Atatürk's Principles and History of Revolutions II	Compulsory	2	A2	2
BED182	Physical Education II	Elective	2	C	2
EGT102	School Instruments I	Compulsory	3	A1	3
ELK102	Basic Electrical and Electronics	Compulsory	2	A1	2
KIM184	Chemistry	Compulsory	3	A1	3
MAT186	Mathematics II	Compulsory	4	A1	4
MET104	Materials	Compulsory	4	B2	2
MET110	Electric Arc Welding Technique	Compulsory	2	B1	2
MET194	Electric Arc Welding Technique	Compulsory	6	B1	4
TBT182	Basic Computer Sciences	Compulsory	3	B2	2
TUR182	Turkish Language II	Compulsory	2	A2	2
YDL184	Foreign Language II	Compulsory	2	A1	2
<b>Semester 3</b>					
EGT201	Development and Learning	Compulsory	3	A1	3
MAT285	Mathematics III	Compulsory	3	A1	3
MET201	Materials I	Compulsory	3	A1	3
MET291	Hot Forming Technology of The Metals	Compulsory	2	A1	2
MET293	Hot Forming Techniques of The Metals	Compulsory	6	B1	6
MKE283	Mechanics	Compulsory	4	A2	4
TSK201	Computer Aided Drawing I	Compulsory	3	A2	3
UPK201	Statistics	Compulsory	2	A1	2
YDL285	Foreign Language (English) III	Compulsory	4	A2	4
<b>Semester 4</b>					
EGT202	Planning and Evaluation in Education	Compulsory	4	A1	4
MET202	Materials II	Compulsory	3	A1	3
MET208	Metallography	Compulsory	3	A1	3
MET216	Extractive Metallurgy	Compulsory	2	A1	2
MET218	Computer Based Professional Drawing	Compulsory	3	C	3
MET260	Industrial Practice I	Compulsory	0	G	2
MET290	Cold Shapingtechnology of Metals	Compulsory	2	B1	2
MET292	Cold Shaping Techniques of Metals	Compulsory	6	B1	6
MKE204	Strength of Materials	Compulsory	3	A1	3
YDL286	Foreign Language (English) IV	Compulsory	4	A1	2
<b>Semester 5</b>					
EGT301	Teaching Technologies and Materials Development	Compulsory	3	A2	3
MET315	Welding Metallurgy	Compulsory	3	A2	6
MET387	Corrosion and Surface Protection	Compulsory	2	A1	2
MET389	Metallurgy Thermodynamics	Compulsory	3	B1	4
MET391	Modern Welding Technology	Compulsory	2	A1	2
MET393	Production Techniques	Compulsory	6	A2	10
MKE301	Machine Elements I	Compulsory	3	B1	3
<b>Semester 6</b>					
EGT302	Classroom Management	Compulsory	3	A1	3
EGT304	Special Teaching Methods I	Compulsory	3	A1	3
MET316	Moulding Technique	Compulsory	3	A1	5
MET360	Industrial Practice II	Compulsory	0	G	2
MET380	Materials Test Methods	Compulsory	3	B1	3
MET384	Mechanical Metallurgy	Compulsory	2	A1	2
MET390	Metal Decoration Technology	Compulsory	2	B1	2
MET392	Metal Decoration Techniques	Compulsory	6	A2	10
<b>Semester 7</b>					
EGT401	School Instruments II	Compulsory	3	A1	3
EGT403	Special Teaching Methods II	Compulsory	3	A1	3
EGT405	Teaching Practice	Compulsory	5	A1	5
MET415	Non Metallic Engineering Materials	Compulsory	3	B1	4
MET417	Metallurgy of Iron-steel	Elective	2	C	2
MET431	Project Design	Compulsory	6	A1	10
MET481	Heat Treatments and Laboratory	Compulsory	3	A1	3
<b>Semester 8</b>					
EGT402	Guidance	Compulsory	3	A2	3
MET400	Graduation Thesis	Compulsory	1	A1	8
MET402	Principles of Solidification	Elective	2	A2	2
MET418	Project Application	Compulsory	6	A1	11
MET420	Welding of Nonferrous Metal	Compulsory	2	A2	3
MET486	Composite Materials	Compulsory	2	A2	3

TOTAL CREDITS: 211

TOTAL ECTS CREDITS: 240

CGPA: 3.54

\* 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

The student attended one year compulsory preparatory language programme (English) and successfully completed it.

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.

A1	4.0	90-100	Excellent
A2	3.5	80-89	Excellent-Very Good
B1	3.0	70-79	Very Good
B2	2.75	65-69	Good
C	2.5	60-64	Satisfactory
G			Sufficient
F1			Fail
F2			Fail
F3			Fail
K			Fail

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

Genel Not Ortalaması: 3.54/ 4.00 (Pekiyi)

## 5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1. Access to further study:

May apply to second 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](http://www.karabuk.edu.tr)  
Iknur ADSOY has attended internship in Aviva Training And Human Development Center (Poland), under consortium which has 2010-1-TR1-ERA04 16825 code , between 18/06/2011-13/09/2011

6.2. Further information sources:

The Council of Higher Education web site: [www.yok.gov.tr](http://www.yok.gov.tr)  
Turkish ENIC-NARIC Web Site: [www.enic-naric.net/index.aspx?c=Turkey](http://www.enic-naric.net/index.aspx?c=Turkey)  
Online course catalogue:  
<http://ubys.karabuk.edu.tr/bologna/curriculum.aspx?id=142&lang=en&y=08>  
Department web site:  
<http://tef.karabuk.edu.tr/metal/defaulteng.htm>

## 7. CERTIFICATION OF THE SUPPLEMENT

7.1. Date:

18.03.2016

7.2. Name and signature:

Mustafa CÜNÜK

7.3. Capacity:

Head of Student Affairs

7.4. Official stamp or seal: