

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) degrees. Undergraduate level of study consists of short cycle (associate's) (İkili Lisans Derecesi) and first cycle (bachelor's) (İlans 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.

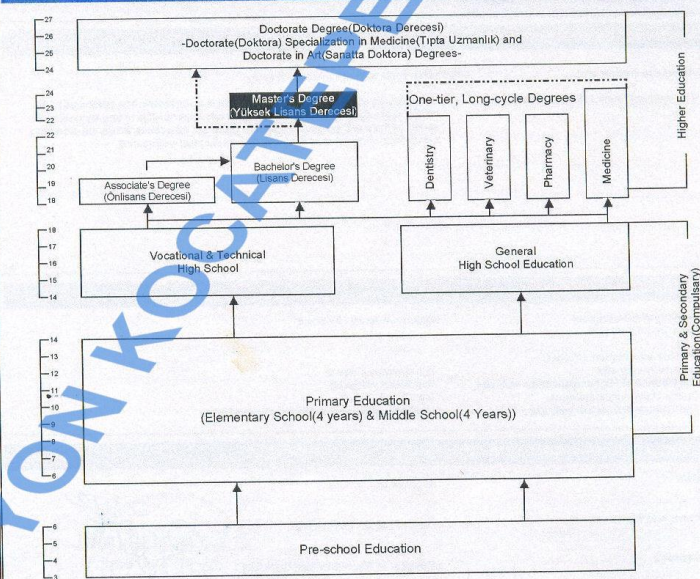
Universities consist of graduate schools (Institutes) offering second cycle (master's) and third cycle (doctorate) degree programmes, faculties offering first cycle (bachelor's degree) programmes, four-year higher schools offering first cycle (bachelor's) degree programmes with a vocational emphasis 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 average. 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 (TYQ): The National Qualifications Framework for Higher Education in Turkey (TYQ) 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 education 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 TYQ with reference to the European overarching qualifications frameworks as well as that to ECTS credits and student workload are shown below.

GENERAL STRUCTURE OF THE TURKISH EDUCATION SYSTEM



AFYON KOCATEPE UNIVERSITY

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DIPLOMA SUPPLEMENT

Diploma Date : 13.07.2012
Diploma Number : 2012/719

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 qualification (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and the 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 qualification (if applicable):
Makine Mühendisliği (YL), Yüksek Lisans Derecesi
- 2.2. Main field(s) of study for the qualification:
Mechanical Engineering
- 2.3. Name and status of awarding institution (in original language):
Afyon Kocatepe Üniversitesi / Devlet Üniversitesi(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:
Normally 2 years, 2 semesters per year, at least 16 weeks per semester, 120 ECTS
- 3.3. Access requirement(s):
-First Cycle (Bachelor's Degree) diploma
-Transcript
-Minimum 55 points from Centralized Postgraduate Study Exam (ALES)

4-INFORMATION ON THE CONTENTS AND RESULTS GAINED

- 4.1. Mode of Study:
Full-time
- 4.2. Programme requirements:
The students must complete 2 years of study acquiring 120 ECTS credits. This degree is awarded to students who successfully completed all courses in the curriculum, thesis and have a minimum CGPA of 2.50/4.00 and no failing grades.

Objectives:
The main purpose of mechanical engineering program is to educate future mechanical engineers. Upon completing this program students will gain skills in applying theoretical knowledge to real life applications and are specialized in computer aided engineering applications and they will be forward-looking engineers with an interdisciplinary perspective.

Learning Outcomes :
The students reach in-depth scientific knowledge about the engineering fields and evaluate, implement and comment it. The students are aware of new and emerging applications of their profession, and learn to examine them when necessary. The students have knowledge about current techniques and methods applied in engineering and have extensive knowledge about these constraints. The students reach in-depth scientific knowledge about the engineering fields and evaluate, implement and comment it. The students oversee the scientific, social and ethical values in data collection, interpretation, and also in all phases of professional activities. The students by using limited or missing data and scientific methods, complete and implement knowledge, integrate information from different disciplines.

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4.3 Programme details: (e.g. modules or units studied), and the individual grades/marks/credits obtained:

Code	Course Name	C/E	ECTS	Grade
Semester 1				
549	EXPERIMENTAL DESIGN AND ITS ANALYSIS	E	5	AA
575	DIRECTED FIELD STUDIES	C	10	YT
533	COMPUTATIONAL FRACTURE MECHANICS	E	5	AA
525	METAL CUTTING THEORY	E	5	AA
531	ENGINEERING MATHEMATICS	C	5	BB
			Total ECTS : 30	
Semester 2				
570	SEMINAR	C	5	YT
576	DIRECTED FIELD STUDIES	C	10	YT
542	MECHATRONIC DESIGN	C	5	AA
503	SCHOLARLY WRITING AND PRESENTATION TECHNOLOGIES	E	5	AA
524	FINITE ELEMENT METHOD	E	5	BA
			Total ECTS : 30	
Semester 3				
MKM-587	THESIS	C	20	YT
MKM-577	DIRECTED FIELD STUDIES	C	10	YT
			Total ECTS : 30	
Semester 4				
MKM-588	THESIS	C	20	YT
MKM-578	DIRECTED FIELD STUDIES	C	10	YT
			Total ECTS : 30	

Total ECTS Credits : 120 CGPA : 3.79 out of 4.00

C : Compulsory ; E : Elective

4.4. Grading Scheme and Grades:

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:

GRADE POINTS	EVALUATION	COEFFICIENT	PERCENTAGE
AA	Excellent	4.0	90 - 100
BA	Very Good	3.5	85 - 89
BB	Good	3.0	75 - 84
CB	Satisfactory	2.5	70 - 74
CC	Sufficient	2.0	65 - 69
DC	Fail	1.5	50 - 64
FF	Fail	0.0	0 - 49
YT	Satisfactory	-	-
MU	Exempt	-	-

YT : Satisfactory, but not included in CGPA.

MU : Is given for the qualification obtained formal and/or informal education before the attendance of the program.

4.5. The overall classification of the final qualification:

Final Grade of Degree: Üstün Onur (High Honour)
Cumulative Grade Point Average (CGPA): 3.79 out of 4.00

The CGPA is calculated by taking into account all the courses taken by a student from first semester to the last semester and courses recognised as valid by the department in which she/he is registered. Criterion for degree classification is:

-Yüksek Onur (High Honour) : 3.50 - 4.00
-Onur (Honour) : 3.00 - 3.49
-Başarılı (Satisfactory) : 2.00 - 2.99

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. The graduates of the mechanical engineering department has many opportunities of employment in a variety of state and private companies. There are also cases where the graduates set up their own jobs in various fields of mechanical engineering.

6 - ADDITIONAL INFORMATION

- 6.1. Additional information: : <http://www.fenbil.aku.edu.tr>
Department web site
- 6.2. Further information sources: : <http://www.aku.edu.tr>
University web site
The Council of Higher Education web site : <http://www.yok.gov.tr>
Online University Catalogue : <http://bp.aku.edu.tr>
The Turkish Enic-Naric web site : <http://www.enic-naric.net/index.aspx?c=Turkey>

7 - CERTIFICATION OF THE SUPPLEMENT

- 7.1 Date : 14.09.2012
- 7.2 Name and Signature : Assist. Prof. Dr. Barış GÖKÇE
- 7.3 Capacity : Registrar of Afyon Kocatepe University
- 7.4 Official stamp and seal

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Yardımcı Doçent Barış GÖKÇE
Öğr. Gör. Dr. Barış GÖKÇE