



KIRIKKALE UNIVERSITY

DIPLOMA SUPPLEMENT

Kırıkkale Üniversitesi Rektörlüğü
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Diploma Date : 14.01.2013

Diploma No : [REDACTED]

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 succinct 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 : [REDACTED]
1.4. Student Identification Number : [REDACTED]

2. INFORMATION IDENTIFYING THE QUALIFICATION

- 2.1 Name of the Qualification
İnşaat Mühendisliği (İÖ) Lisans Derecesi
2.2 Main field(s) of study for the qualification
Civil Engineering
2.3 Name and Status of Awarding Institution
Kırıkkale Üniversitesi, Devlet Üniversitesi
2.4 Name and Status of Awarding Institution Administering Studies
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), Level 6 in the Turkish Qualification Framework for Higher Education
3.2 Official Length of Program
4 years, 240 ECTS
3.3 Access Requirements
(1) High School Diploma (2) Placement through centralised nation-wide Student Selection and Placement Examinations (YGS & LYS). Candidates gain access to the programme based on their composite scores consisting of the scores on the selection examinations and their high school grade points averages. (3) For holders of short-cycle degree diplomas of related programmes of vocational schools (MYOs); placement through a centralized, nation-wide Vertical Transfer Examination (Dikey Geçiş Sınavı)

4. INFORMATION ON THE CONTENTS AND RESULTS GAINED

- 4.1 Mode of study Full-time
4.2 Program Requirements This degree is awarded to the students who have successfully completed all the courses in the curriculum and have a Cumulative Grade Point Average CGPA of 60/100 and 240 ECTS.
- Objectives** To be a department, which will develop solutions for civil engineering problems and will train engineers respecting professional and ethical values
Knowledge To have adequate knowledge on the fundamental topics of engineering and civil engineering To be capable of using the knowledge on the fundamental topics of engineering and civil engineering in solving the civil engineering problems
Skills To be capable of formulazing and solving an engineering problem by using the acquired engineering knowledge; for this purpose having the capabilities of adopting the accurate analysis and modelling methods and analytical thinking The ability of applying a product or procedure required by practical applications in civil engineering by using engineering knowledge
Competencies When designing the systems, elements and procedures in civil engineering applications, being able to design and make decisions individually as well as being able to work as a team member and leading. Consciousness of the need to learn and follow the scientific and technological development In national and international conferences in his/her field, the ability of using Turkish and at least one foreign language efficiently and have the self-confidence to defend his ideas and show that he/she has proficiency in this field To make professional design to develop sustainable engineering solutions, to meet the needs of the society in these solutions and to have ethical responsibilities and be able to judge the effects of these solutions

4.3. Programme details and the individual grades/marks obtained:

Code	Course Name	Category	National Credits	ECTS	Grades
Semester 1					
0252101	MATHEMATICS-I	Compulsory	4	6	C
0252102	PHYSICS-I	Compulsory	4	6	B1
0252103	CHEMISTRY	Compulsory	4	5	C
0252104	TECHNICAL DRAWING	Compulsory	3	5	B2
0252105	INTRODUCTION TO CIVIL ENGINEERING	Compulsory	2	3	B2
0252106	BASIC INFORMATION TECHNOLOGY AND USAGE	Compulsory	2	3	C
0252107	ENGLISH I	Compulsory	4	2	B2
Semester 2					
0252201	MATHEMATICS-II	Compulsory	4	6	B2
0252202	PHYSICS-II	Compulsory	4	6	B2
0252203	STATICS	Compulsory	3	7	C
0252205	BASIC COMPUTER SCIENCES	Compulsory	3	2	B1
0252206	ENGLISH II	Compulsory	4	2	C
0252207	ENGINEERING GEOLOGY	Compulsory	3	7	C
Semester 3					
0252301	ADVANCED MATHEMATICS	Compulsory	4	6	C
0252302	DYNAMICS	Compulsory	3	6	B1
0252303	STRENGTH OF MATERIALS-I	Compulsory	3	7	B2
0252304	MATERIAL SCIENCES	Compulsory	2	6	B2
0252306	TURKISH LANGUAGE I	Compulsory	0	1	G
0252307	PRINCIPLES OF ATATURK AND TURKISH REV. HISTORY I	Compulsory	2	1	B2
0252821	PRESTRESSED CONCRETE-II	Elective	3	3	C
Semester 4					
0252401	DIFFERENTIAL EQUATIONS	Compulsory	4	6	C
0252402	COMPUTER PROGRAMMING	Compulsory	2	3	C
0252403	STRENGTH OF MATERIALS-II	Compulsory	3	6	C
0252404	SURVEYING	Compulsory	2	5	C
0252406	STATISTICS	Compulsory	3	4	C
0252407	TURKISH LANGUAGE-II	Compulsory	0	1	G
0252408	PRINCIPLES OF ATATURK AND TURKISH REV. HISTORY II	Compulsory	2	1	B2
0252416	NATURAL EFFECTS IN URBANIZATION	Elective	2	2	A1
0252450	SITE PRACTICE	Compulsory	0	2	B1
Semester 5					
0252504	STRUCTURAL ANALYSIS-I	Compulsory	3	5	C
0252505	NUMERICAL ANALYSIS	Compulsory	3	3	B2
0252305	FLUID MECHANICS	Compulsory	3	6	C
0252501	MATERIALS OF CONSTRUCTION	Compulsory	3	4	C
0252502	REINFORCED CONCRETE-I	Compulsory	3	5	C
0252503	SOIL MECHANICS-I	Compulsory	3	4	B2
0252506	PAVEMENT DESIGN	Compulsory	3	3	C
Semester 6					
0252405	HYDRAULICS	Compulsory	3	4	B2
0252601	HYDROLOGY	Compulsory	3	4	A1
0252602	REINFORCED CONCRETE-II	Compulsory	3	5	B2
0252603	SOIL MECHANICS-II	Compulsory	3	4	B2
0252604	EARTHWORKS AND RAILWAY	Compulsory	3	4	C
0252605	STRUCTURAL ANALYSIS-II	Compulsory	3	5	C
0252650	OFFICE PRACTICE	Compulsory	0	2	A1
Semester 7					
0252703	STEEL STRUCTURES-I	Compulsory	3	4	B2
0252701	CONSTRUCTION MANAGEMENT	Compulsory	3	3	B2
0252702	WATER RESOURCES ENGINEERING-I	Compulsory	3	4	B1
0252704	FOUNDATION ENGINEERING-I	Compulsory	3	3	B2
0252705	PROJECT	Compulsory	1	4	A2
0252706	HIGHWAY ENGINEERING	Compulsory	3	4	C
0252713	STRUCTURAL ANALYSIS-III	Elective	3	3	A2
0252717	COMPUTER APPLICATIONS IN STRUCTURAL ENGINEERING	Compulsory	2	2	A1
0252719	CONCRETE TESTS	Elective	3	3	A1
Semester 8					
0252801	GRADUATION PROJECT	Compulsory	1	6	B1
0252802	ENGINEERING ECONOMICS	Compulsory	2	2	B2
0252803	STRUCTURAL DESIGN	Compulsory	3	5	B1
0252804	WATER SUPPLY AND ENVIRONMENTAL SANITARY	Compulsory	3	5	C
0252807	REINFORCED HIGH-RISE BUILDING	Elective	3	3	A1
0252808	STEEL STRUCTURES-II	Elective	3	3	B1
0252810	STRUCTURAL DYNAMICS	Elective	3	3	B1
0252819	TRANSPORTATION PROJECT	Compulsory	1	3	A2

Total Credits : 161 Local / 240 ECTS**CGPA*** :2.71 out of 4

* CGPA is calculated using the national credits.

4.4. Grading Scheme and Grades

Grade: Grades are assigned in letters. The letter grades and the corresponding percentage equivalent are given below:

PERCENTAGE	COURSE GRADE
90-100	A1
85-89	A2
75-84	B1
65-74	B2
60-64	C
50-59 (Factor 1,0)	F1
41-49(Factor 0,5)	F2
0-40(Factor 0,0)	F3
Nonattendance	F4
Absent from exam	F5
Fail(for non-credit courses)	F6
Pass (for non-credit courses)	G

Each exam is graded on a 100-point scale. In order to be considered successful in a course,

a- the final exam grade must be at least 60

b- the sum of the 60% of the final exam grade and the 40% of the mid-term exam grade will make up the decisive grade, which must be at least 60. Having a fraction in computing the decisive grade, the result is rounded off to the nearest whole number. For those who are entitled to an additional exam, no mid-term grade is required, but a minimum 60 out of 100 (C) is. The table set by the Higher Education Council(YOK) is used to convert the grades from the 100 point scale to the 4-point scale

A student's academic success is calculated in the form of Cumulative Grade Point Average (CGPA) by the Registrar's Office, taking into account all the courses taken by the student from the beginning of the university education to the end. In order to obtain CGPA, the final mark for each course is multiplied by the course's national credits. The results are added and the sum is divided by the total number of national credits. The score obtained is the CGPA.

The criteria for degree classification are:

3,50 - 4,00 Onur Öğrencisi (Honor Student)

3,00 - 3,49 Pekiyi (Excellent)

2,60 - 2,99 İyi (Good)

2,20 - 2,59 Başarılı (Satisfactory)

4.5. Overall Classification of the Qualification

Cumulative Grade Point Average (CGPA) : 2.71
Final Grade of the degree : İyi (Good)

5. INFORMATION ON THE FUNCTION OF THE QUALIFICATION

5.1 Access to Further Study

May apply to second cycle programmes

5.2 Professional Status Conferred

This degree enables the holder to exercise the profession

6. ADDITIONAL INFORMATION

6.1 Additional Information

: n/a

6.2 Further Information Sources

Civil Engineering : <http://insaat.kku.edu.tr/>
Faculty of Engineering Web Site : <http://mf.kku.edu.tr>
University web site : <http://www.kku.edu.tr>
University International Relations and EU Office web site : <http://abofisi.kku.edu.tr>
The Council of Higher Education web site : <http://www.yok.gov.tr>
The Turkish ENIC/NARIC web site : <http://www.enic-naric.net/members.asp?country=Turkey>
The web site of the NQF (TYYÇ) for Higher Education : <http://www.tyyc.yok.gov.tr>

7. CERTIFICATION OF THE SUPPLEMENT

7.1. Date : 06.05.2013
7.2. Name and Signature : Hulusü ŞENGÜL
7.3. Capacity : Head of The Student Affairs
7.4. Official Stamp or Seal :

8 INFORMATION ON THE NATIONAL HIGHER EDUCATION 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 first 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.

GENERAL STRUCTURE OF THE TURKISH EDUCATION SYSTEM

