Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

AİİT101	PRINCIPLES OF ATATÜRK AND HISTORY OF REVOLUTION I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	AİİT101	PRINCIPLES OF ATATÜRK AND HISTORY OF REVOLUTION I	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Ensuring the collapse of the Ottoman Empire and the Turkish struggle for independence of this course will be exposed.
Teaching Methods and Techniques:
To study and teach revolution and similar concepts which prepare the Turkish Revolution and the collapse of the Ottoman Empire, 1st World War, National reactions after the Occupation of Anatolia, Atatürk, his life and principles, Preparation period of Turkish Grand Independence War, Opening the Turkish National Assembly (TBMM) , Abolishment of the Sultanate, Lozan Peace treaty, Declaration of Republic.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Talat KOÇAK
Assistants:

Recommended Sources

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathmatics and Basic Sciences	:	**Education**	:
Engineering	:	**Science**	:
Engineering Design	:	**Health**	:
Social Sciences	: 100	**Field**	:

Course Content

Week	Topics	Study Materials	Materials
1	Revolution and Revolutionary Concepts; State and its comporents, evolution, Reforms, upheaval. Govermental coup, revolu		
2	The reasons causing Turkish Revolution, the collapse of Ottoman Empire, interior reasons. Exterior reasons		
3	Renovation movements in Ottoman Empire, The reforms in Tanzimat period, The First and The Second Constitutional Mona		
4	The Movements of Ideas in the late years of the Ottoman Empire (Ottoman, Islam, Western and Turkish Reflections), The		
5	The causes of World War I, the outset of the war, The Involvement of the Ottoman Empire in the war. Fronts and their res		
6	The treaties about the allocation of the Ottoman Empire (The Bosphorus Treaty, London Treaty, Skyes Picot Treaty, St. Jea		
7	MidTerm Exam		
8	MidTerm Exam		
9	National Struggle Period, the condition of the country in face of the occupations, Committees and their activities, Ataturk's		
10	Balıkesir and Alaşehir Congresses, The Importance of the Sivas Congress and other Congresses during the National Struggl		
11	Amasya Negatiations, the meeting held with the Commanders in Sivas, The arrival of Representative Committee. The meeti		
12	From the National Pact to the Turkish Grand The opening of the Turkish Grand National Assembly, The Media in the Nation		
13	The foundation of the National Army (The Nationalist Forces, Systematic Army) The Southern and Southeastern Fronts, The		
14	Armenian Problem, The wars against the Armenians, Turkish - Georgia Relations, The Western Front, (The First and Second		

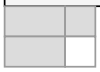
Course Learning Outcomes

No	Learning Outcomes
C01	Assess the causes which have prepared Turkish War of Independence
C02	Define revolution/reform concepts. Build up differences from concepts of Reform, usurpation and revolution
C03	Compare managerial, economical, political and social condition of the empire with the developments in the world
C04	Analys the occurred processes World War I and the policies of Mustafa Kemal and his friends in view of the facts
C05	Give multi-dimensional responses when it is asked why the occupation started in Anatolia by evaluating the approach of palace and authorities of Istanbul against occupations.
C06	Figure out political, social and psychological valuations in subject how the resistance efforts of Turkish folk were conjoined when Mustafa Kemal Pasha reached Anatolia.
C07	Appraise why Amasya circular was defined as "revolution announcement". Cognize and debate about the severity of Erzurum and Sivas congresses in aspect of Turkish War of Independence
C08	Compare and appraises the fundamental of nation self determination and gathering process of Istanbul parliament. Analyse the place of national pact in Turkish revolution

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	13	2	26
Hours for off-the-c.r.stud	1	5	5
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	5	5
Total Work Load			**41**
ECTS Credit of the Course			**1**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

139	INFORMATION AND COMMUNICATION TECHNOLOGY I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	139	INFORMATION AND COMMUNICATION TECHNOLOGY I	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
The scope of the basic concepts of computer hardware, software, information networks, information security issues, file and folder operations, word, excel, power point, the concept and use of the internet, giving information on topics related to e-mail applications
Teaching Methods and Techniques:
Basic concepts, file management, word, excel, power point, internet and e-mail contains topics
Prerequisites:

Course Coordinator:

Instructors:
Instructor Ahmet YURDADUR
Assistants:

Recommended Sources

Textbook	:	Temel Bilgi teknolojileri I-II Book AKÜ
Resources	:	http://enformatik.aku.edu.tr/uzaktan-egitim-dersleri/bilgisayar-2/
Documents	:	http://enformatik.aku.edu.tr/uzaktan-egitim-dersleri/bilgisayar-2/
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	50	**Education**	:	
Engineering	:		**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Basic concepts		
2	File management- Application		
3	MS Word: Working with documents, improving productivity, entering text-Application		
4	Word: paragraph settings, styles, table creation, graphics and objects-Application		
5	Word: Address - mail merge, output preparation, control and print-Application		
6	Excel spreadsheet: to work with tables, insert, select, edit, sort, copy, move, delete-Application		
7	Mid-term and recourse		
8	Mid-term and recourse		
9	Excel: Rows, columns, worksheets, arithmetic formulas, functions-Application		
10	Excel: numbers, dates, alignment, graphics, output settings, control and print-Application		
11	Powerpoint Presentations: Presentations work, presentation, appearance, slides-Application		
12	Power point: the use of text, formatting, tables, graphics use, diagrams-Application		
13	Power point: Adding, editing, drawing, output preparation, control and provide-Application		
14	Internet and e-mail-Application		

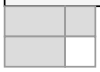
Course Learning Outcomes

No	Learning Outcomes
C01	Knows that the computer operating system the properties of the computer's hardware components
C02	Knows the information networks and properties
C03	The computer file copy, move, view file properties, file compression, decompression on the compressed files can
C04	Create a folder, rename the folder, the folder can delete, and edit operations
C05	Word text into a word processor program provides for adjustment of the line and paragraph
C06	Add Word table format your table
C07	Excel worksheet, row, column and cell selection, copy, move and delete operations will
C08	Knows the rules and formulas, the formulas work
C09	Slide on the text, tables, graphs and diagrams adds Takes on the slide makes editing and output
C10	Can modify the slide layout
C11	Information using the Internet reaches

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%100
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%160**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	5	5
Total Work Load			**66**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

133	FIRST AID (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	133	FIRST AID (ELECTIVE)	2	1	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
To make one teach and goun intervention in case it recessities first aid
Teaching Methods and Techniques:
1.to comprehad the importance of life saving through first aid methods 2To use data related to health in first aid services 3-to explain the technigves of respiratory cut and heart-lung animation 4-to compnehend first aid in the event of bleeding 5-To explain first aid in the event of broken,dislocation and wrich 6-to compane the first aid in the event of broken dislocated and wrick 7-to comprehend the importance of bardaye and dressing by definining them 8-to explain first aid in the event of differeset objects , poisioning and stung by inspects 9- to explain first aid in the event of burn, theat rise and freezing 10- to compnehend first aid applications in the event of burn, heat rise and freezing. 11-to explain first aid in the event of shock, syncope and coma 12- to comprone first aid in the event of shock, syncope and coma 13- to explan the necessuty of transfer and care after first aid
Prerequisites:

Course Coordinator:

Instructors:

Assistants:

Recommended Sources

Textbook	:	Theoric, powerpoint, practice examination
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

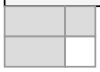
Course Category

Mathmatics and Basic Sciences	:	**Education**	:
Engineering	:	**Science**	:
Engineering Design	:	**Health**	:
Social Sciences	:	**Field**	:

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	0	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			**0**
ECTS Credit of the Course			**0**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

111	MATHEMATICS I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	111	MATHEMATICS I	2	1,50	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Increasing the ability of basic arithmetic and algebraic operation and it is aimed to know the basic mathematical and geometrical definitions.
Teaching Methods and Techniques:
The main content of the course can be summarized as, the theory of sets, numbers, equations, inequalities, absolute value, types of equation, the concept of relations and functions, special functions which are the topics of algebra .
Prerequisites:

Course Coordinator:

Instructors:
Instructor Ali BALKI
Assistants:

Recommended Sources

Textbook	:	First of all, it is planned to build practical and theoretical knowledge which have gained in secondary education on the basis of mathematics.
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	100	**Education**	:	
Engineering	:		**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	

Course Content

Week	Topics	Study Materials	Materials
1	temel kavrmalar		ders kitabı
2	sayı basamakları		ders kitabı
3	bölme bölünebilme		ders kitabı
4	obeb okek		ders kitabı
5	rasyonel sayılar		ders kitabı
6	sıralama basit eşitsilik		
7	mutlak değer		
8	üslü ifadeler		
9	köklü ifadeler		
10	çarpanlara ayırma		

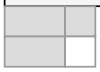
Course Learning Outcomes

No	Learning Outcomes
C01	sayı ve sayı sistemlerini kullanmak
C02	cebirsel islemleri mesleğinde kullanmak

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	5	5
Total Work Load			**38**
ECTS Credit of the Course			**1**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

137	PREFABRICATED BUILDINGS (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	137	PREFABRICATED BUILDINGS (ELECTIVE)	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
1. Prefabricated structures and to recognize the elements. 2. Apply the principles of assembly detail drawing. 3. Apply the principles of basic detail drawing.
Teaching Methods and Techniques:
To understand the principles of building components and assembly of prefabricated wooden prefabricated building elements uygulayabilme.Çelik to recognize and understand the principles of assembly. To understand and apply the principles of assembly of prefabricated elements of reinforced concrete structures. Understand the principles of sizing and installation of prefabricated structural elements of skeletal systems. Understand the principles of selection and installation of prefabricated wall frame systems. Select the appropriate type of roof and installation of prefabricated structures, understand the principles. Understand the principles of basic assembly of prefabricated structural elements of skeletal systems.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet ERTEN
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Associate Prof. Cahit Gürer Course notes,Lecturer Berivan Polat Course Notes
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:	20	**Science**	:	
Engineering Design	:	20	**Health**	:	
Social Sciences	:		**Field**	:	60

Course Content

Week	Topics	Study Materials	Materials
1	Prefabricated Wood Buildings.		
2	Prefabricated Wood Buildings.		
3	Prefabricated Wood Buildings		
4	Steel Prefabricated Structures.		
5	Steel Prefabricated Structures.		
6	Steel Prefabricated Structures.		
7	Midterm exam and repeating courses		
8	Midterm exam and repeating courses		
9	Prefabricated Reinforced Concrete Structures.		
10	Prefabricated Reinforced Concrete Structures.		
11	Prefabricated Reinforced Concrete Structures.		
12	Prefabricated Reinforced Concrete Structures.		
13	Prefabricated Reinforced Concrete Structures.		
14	Prefabricated Reinforced Concrete Structures.		

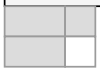
Course Learning Outcomes

No	Learning Outcomes
C01	Wood, steel and reinforced concrete prefabricated building elements to comprehend.
C02	Understands the principles of sizing and installation of prefabricated elements of the carrier of skeletal systems.
C03	Understands the principles of selection and installation of prefabricated wall frame systems.
C04	Selection of the most suitable type of roof and installation of prefabricated structures Understands the principles.
C05	Understands the principles of carrier systems, foundation, installation of prefabricated structures.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	6	1	6
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	15	15
Total Work Load			**59**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

123	TECHNICAL DRAWING				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	123	TECHNICAL DRAWING	3	2,50	4

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
To understand the basic principles of technical drawing. Ability to draw principal views from perspective views and perspective views from principal views. Ability to read and interpret technical drawing.
Teaching Methods and Techniques:
Able to draw the fonudation parts by hand and drawing tools, to develop hand skills of the students, to make geometrical drawings.
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Riyad ŞİHAB
Assistants:

Recommended Sources

Textbook	:	[1] Koparal-İplikçioğlu, Teknik Resim İst. 1994. ,
Resources	:	[2] Küçük, Mehmet, Teknik Resim İst.. 2005.
Documents	:	Koparal-İplikçioğlu, Teknik Resim İst. 1994. ,,Küçük, Mehmet, Teknik Resim İst.. 2005.
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:	40	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	60

Course Content

Week	Topics	Study Materials	Materials
1	Introduction to Technical Drawing; Drawing tools, Drawing Sheets and Standards		
2	Geometrical Drawings: angle, arc, curve and polygon drawings		
3	Projections, obtaining outlines of lines and planes and the determination of their actual sizes		
4	Introduction to views, the determination of the main and auxiliary views		
5	Practices on obtaining views		
6	Practices on obtaining views		
7	Dimensioning rules, standard scales and practices on dimensioning		
8	Sectional views; definitions and cross-sectional planes, methods and rules of sectional views		
9	Practices on sectional views		
10	Midterm exam		
11	Introduction to surface finishing symbols and practices		
12	Perspectives; the definition of perspective, types, and perspective drawing practices		
13	Professional technical drawing practices; professional drawings related to the program area.		
14	Professional technical drawing practices; professional drawings related to the program area.		

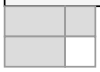
Course Learning Outcomes

No	Learning Outcomes
C01	Knows the basic principles of technical drawing and the tools used for technical drawing.
C02	Draws geometric drawings.
C03	Draws the principal views of from the perspective.
C04	Can make dimensioning of the principal views and perspectives.
C05	Knows and applies the sectioning methods.
C06	Draws the perspective views.
C07	Reads technical drawings.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	10	%30
Attendance	10	%10
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%140**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	10	1	10
Assignments	1	6	6
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**78**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

TUR101	TURKISH LANGUAGE I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	TUR101	TURKISH LANGUAGE I	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
The aims of this course are to get students comprehend their mother tongue's grammar rules and structure.
Teaching Methods and Techniques:
The followings are aimed for the students i this course: To teach Turkish phonetics and morphology To gain the academic writting and speaking ability. To comprehend the unifying feature of lingua franca in education and importance of using the lingua franca accordig to its rules.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Özge SÖNMEZLER DURAN
Assistants:

Recommended Sources

Textbook	:	Theoretical knowledge, Sampling
Resources	:	Textbook:
Documents	:	Türk Dili Ders Kitabı, Afyon Eğitim Sağlık ve Bilim Araştırma Vakfı Yayını, Afyonkarahisar, 2010
Assignments	:	
Exams	:	References: Türkçe Sözlük, TDK Yayınları, Ankara 2009

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	10
Engineering	:		**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:	40	**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Language and Culture	Reading "Language and Culture" section	
2	The location of Turkish language in the world's languages The historical development of the Turkish language - I	Dünya dillerini ve konuşulduğu yerleri ar	
3	The historical development of the Turkish language - IIThe Language Revolution	Dil devrimi hakkında araştırma yapma.	
4	Alphabets used by TurksDialects of Turkish	Türklerin kullandığı alfabeler bölümünü k	
5	Phonetic,	Ses Bilgisi hakkında araştırma yapılması	
6	Types of Words I	Sözcük türlerinin kitaptan okunması	
7	Midterm Exam - course recurrence	İslenen konularla ilgili görsel içerik (vide	
8	mid term exam - course recurrence	İslenen konularla ilgili sorular hazırlama	
9	The derivational suffixes	Yapım eklerinin kitaptan okunması	
10	The inflectional suffixes I	Çekim ekleri hakkında araştırma	
11	The inflectional suffixes II	Çekim eklerinin ktaptan okunması	
12	Phrases and syntax	Kelime grupları ve cümle hakkında kitapl	
13	Punctuation	Noktalama işaretlerinin kitaptan okunma	
14	Orthography	Yazım Kılavuzunun incelenek gelinmesi	

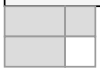
Course Learning Outcomes

No	Learning Outcomes
C01	Know the structure of Turkish and its operating structures.
C02	Use Turkish language in written and oral properly.
C03	Know types of words and use them properly
C04	Say the stages of development of Turkish language and their characteristics
C05	Apply the punctuation rules and orthographic rules.
C06	Know the rules of lingua franca and apply them.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**58**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

YAD101	FOREIGN LANGUAGE I (ENGLISH) (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	YAD101	FOREIGN LANGUAGE I (ENGLISH) (ELECTIVE)	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu Seçmeli
Goals:
Compulsory English I curriculum CEF (Common European Framework) prepared in accordance with the objectives.For this purpose, the student's ability to use language as a way to have a very targeted.
Teaching Methods and Techniques:
1. To understand himself, his family and close environment, the familiar words and very basic phrases 2. Tounderstand a catalog, for example on notices and posters or familiar names, words and very
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet ERTEN
Assistants:

Recommended Sources

Textbook	:	Lectures, Question and Answer
Resources	:	Suat Akca, Practical English,Murat Kurt, English Grammar Today
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	10	**Education**	:	10
Engineering	:		**Science**	:	10
Engineering Design	:		**Health**	:	10
Social Sciences	:	30	**Field**	:	30

Course Content

Week	Topics	Study Materials	Materials
1	Meeting, jobs, singular and plural nouns, numbers, ordinal numbers		
2	Question words, times, days		
3	Countries, nationalities, languages, to be		
4	Times		
5	Times		
6	Conjuctions		
7	Midterm exam and lesson repetition		
8	Midterm exam and lesson repetition		
9	Like-gerund, would you like, family members		
10	Have/has got, reading		
11	Places in a town, there is/are		
12	Prepositions, giving directions, parts of a house		
13	Free time activities, reading		
14	Months, Years, dates, can		

Course Learning Outcomes

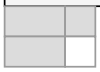
No	Learning Outcomes
C01	Acquiring to talk and communicate
C02	A simple sentence structure and spelling skills with words development
C03	Speech at a basic level of understanding and responsiveness
C04	Basic level of knowledge required to read and understand

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**62**
ECTS Credit of the Course			**2**

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

135	STRUCTURAL REINFORCEMENT TECHNOLOGY (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	135	STRUCTURAL REINFORCEMENT TECHNOLOGY (ELECTIVE)	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
The aim of this course giving information about the structures which are subjected to natural disasters like earthquake, strengthening methods of promoting and improving the condations of the irregular structure.
Teaching Methods and Techniques:
The choosing of structural system, the design of static and reinforced concrite project, preliminary estimations and drafts of scaffolds, the calculation of slabe,the calculation of beams, the calculation of column, the placing of shear-wall, the importance of shear-wall and the recovering methods of the irregular construction.
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Riyad ŞİHAB
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Ders ile ilgili sunumlar
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	10	**Education**	:	
Engineering	:	50	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	40

Course Content

Week	Topics	Study Materials	Materials
1	The choosing of structural system		
2	The design of static and reinforced concrite project		
3	The stages of reinforced concrete project		
4	Preliminary estimations and drafts of scaffolds		
5	The calculation of slabes		
6	The loads of beams		
7	The drafts of foundation		
8	The specification of construction.(TS500-2000)		
9	The placing of column and beams		
10	The placing of shear-wall and its impotance		
11	The obtaining the axes of construction		
12	Solving the problems in irregular construction		
13	The irregularity in frame constructions		
14	The recovering of irregular constructions		

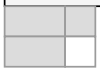
Course Learning Outcomes

No	Learning Outcomes
C01	Learn how to obtain the choosing of structural system
C02	Gaining information about the design of static and reinforced concrite project
C03	To get ability for learn the stages of reinforced concrete project
C04	Geting information about preliminary estimations and drafts of scaffolds
C05	Geting the information about the calculation of slabes
C06	Learn how to calculate the load of the beam
C07	Get knowledge about the drafts of foundation
C08	To get information about the specification of construction.(TS500-2000)
C09	Learning the placing of column and beams
C10	learning about the placing of shear-wall and its impotance
C11	To learn how to obtaining the axes of construction
C12	To obtain the solution of the problems in irregular construction
C13	To learn how to recovert the irregularity in frame constructions
C14	To gain the knowledge about the recovering of irregular constructions

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	5	3	15
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	6	6
Total Work Load			**55**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

141	CONSTRUCTION MATERIALS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	141	CONSTRUCTION MATERIALS	3	2,50	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
To comprehend the physical, chemical and technological properties of building materials used in construction sector and to understand the material selection methods appropriate to their usage places
Teaching Methods and Techniques:
Cements, limes, plaster, bitumen and specific binder, Heavy, light-weight and special concretes, Aggregates and additives, Timber and shaving laminate, Plywood and laminates, Bricks and roof tile, Adobe and ceramics, Paint, plastics, textile materials, paper, bitumen and tarry paperboard, Glass and insulation materials, Iron and alloys, metals, Natural and hand made stones, Polymer profiles and sheets.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet ERTEN
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Yapı Malzemesi, Bülent Baradan,Yapı Malzemesi 2, Osman Şimşek,Yapı Malzemesi 1, Osman Şimşek,Yapı Malzemeleri, Süheyl Akman
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	10	**Education**	:	
Engineering	:	40	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Introduction and importance of the construction material		
2	Natural and hand made stones		
3	Aggregates		
4	Cement, lime, plaster, bitumen and spesific binder		
5	Cocrete		
6	Glass and ceramics		
7	Midterm exam and lesson repetition		
8	Midterm exam and lesson repetition		
9	Bricks and roof tile		
10	Timber, shaving laminate, plywood and laminates		
11	Metals		
12	Plastics		
13	Insulation materials		
14	Paints and protectiv materials		

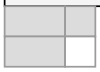
Course Learning Outcomes

No	Learning Outcomes
C01	To explain characteristics and using place of construction materials
C02	To explain concrete and it admixture materials characteristics
C03	To explain timber and same kind of material characteristic
C04	To explain clay and clay made materials characteristics
C05	To explain paint, plastics, textile materials, paper, bitumen and tarry paperboard materials and their using places
C06	To explain metal, stone and PVC materials characteristics

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	10	1	10
Assignments	1	6	6
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**64**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

117	CONSTRUCTION STATICS I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	117	CONSTRUCTION STATICS I	2	2	4

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
1. Comprehend simple systems and isostatic loads affect these systems. 2. Understand the principles of static analysis of simple systems under these loads isostatic
Teaching Methods and Techniques:
Beams A-isostatic 1 - Structural elements of the internal forces 2 - Calculation of internal forces 3 - to draw diagrams of internal forces 4 - diagrams analysis (interpretation) B-isostatic plane frames 1-the structure and types of plane frame 2 - Calculation of reactions in the frame bracket 3 - Frame the internal forces in elements 4 - Calculation of internal forces 5 - to draw diagrams of internal forces 6 - diagrams analysis (interpretation)
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Riyad ŞİHAB
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Structural Analysis / İ.EKİZ / Sec publisher,Structural Analysis I H: TOPKAYA / Güven publisher
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	30	**Education**	:	
Engineering	:	30	**Science**	:	
Engineering Design	:	10	**Health**	:	
Social Sciences	:		**Field**	:	30

Course Content

Week	Topics	Study Materials	Materials
1	Structural Analysis definition and analysis of the branches.		
2	Internal and external loads.		
3	Beams		
4	Accounts isostatic beams		
5	Accounts isostatic beams		
6	Accounts isostatic beams		
7	Midterm Exam and Course Repetition		
8	Midterm Exam and Course Repetition		
9	Accounts isostatic beams		
10	Frames		
11	Frames		
12	Frames		
13	Frames		
14	Frames		

Course Learning Outcomes

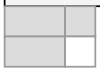
No	Learning Outcomes
C01	Understands Taşıcı systems
C02	Statically determinate and indeterminate learns the definition of
C03	Isostatic carrier systems solves
C04	Carrier systems make sizing

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	0	0	0
Assignments	5	2	10
Presentation	0	0	0
Mid-terms	1	15	15
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	20	20
Total Work Load			**87**
ECTS Credit of the Course			**3**

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

129	CONSRUCTION STATICS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
1	129	CONSRUCTION STATICS	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
To be knowledgeable about building materials and achieving simple calculations.
Teaching Methods and Techniques:
Informing for sb to achieve application ability about the properties of building materials.
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Riyad ŞİHAB
Assistants:

Recommended Sources

Textbook	:	Slayt
Resources	:	Yapı teknolojisi I-II M.SELÇUK GÜNER, ABDURRAHİM YÜKSEL,Yapı,KÖKSAL ÖZCAN
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:	40	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	60

Course Content

Week	Topics	Study Materials	Materials
1	Description of building, building types, building ground		
2	Stability of building ground, intrenchment estimations		
3	Bases, types, superficial bases		
4	Deep bases and walls		
5	Walls, chimneys, plasters and overlays (wall and deck)		
6	Stairs, types, materials, calculations		
7	Merdiven hesapları ve dengelendirme		
8	Stairs calculations and compensation		
9	Mid-term examination		
10	Lagging bases		
11	Making water and temperature isolation		
12	Models that is used at methods of traditional and modern construction		
13	Scaffoldings and armoured concrete building materials		
14	Armoured concrete building materials		

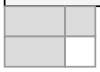
Course Learning Outcomes

No	Learning Outcomes
C01	To know about building materials
C02	Base properties, simple base calculations
C03	To know the properties of walls, to apply the technics of building wall
C04	To achieve drawing stairs and its calculations
C05	To apply editing roof
C06	To apply lagging application
C07	To have usage information as being knowledgeable about model types
C08	To be knowledgeable about model scaffolding and work scaffolding
C09	Plaster and apply knowledge about

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	10	1	10
Assignments	1	6	6
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**64**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

AİİT102	PRINCIPLES OF ATATÜRK AND HISTORY REVOLUTION II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	AİİT102	PRINCIPLES OF ATATÜRK AND HISTORY REVOLUTION II	2	2	1

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
This course will provide the elements of intellectual thought in the Turkish and Kemalist revolution
Teaching Methods and Techniques:
To study Revolution and similar concepts which prepare the Turkish Revolution and the collapse of the Ottoman Empire, the 1st World War, National reactions after the Occupation of Anatolia, to teach the Preparation Period of Turkish War of Indepence, Opening the Turkish National Grand (TBMM) , Abolishment of Sultanate, The Treaty of Lausanne Pact, Proclamation of Republic.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Talat KOÇAK
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Akarsu,B.(1981)Atatürk Devrimi ve Yorumları, Ankara: Milli Eğitim Basımevi *Atatürk,M.Kemal (1962)Nutuk.I.ve II.Ciltler.Ankara: Milli Eğitim Y
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:		**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:	100	**Field**	:	

Course Content

Week	Topics	Study Materials	Materials
1	The abolishment of the Sultanate, Lausanne Peace, the in auguration of the Second Turkish Grand National Assembly		
2	Turkish Revolutionary Movements		
3	The First Political Parties of the Republican Period, İzmir Assassination, Menemen Incident		
4	Legal Revalution		
5	Educational Revolution		
6	Cultural Revolution (the studies in the fields of History, Language and fine arts)		
7	MidTerm Exam		
8	The revolutions in the field of Social Life		
9	The Regulations in economic field. The Studies of forming National Economy		
10	The Foreign Policy of Turkish Republic during Atatürk Period. 1923 ? 1932 Foreign Policy Events		
11	1932-1939 Foreign Policy Events. The features of Foreign Policy during Atatürk period		
12	The Second World War Turkey. The outcomes of World War II.		
13	The principles of Atatürk (Republicanism, Nationalism) Populism, Secularism		
14	Statism, Revolutionism. The complementary principles of Atatürk		

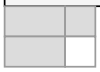
Course Learning Outcomes

No	Learning Outcomes
C01	Appraise the conditions at the front lines of the Independence War from political and military view
C02	Sample military achievements at the front lines and their factors
C03	Evaluate with results how military achievements were moved to political ground.
C04	Compare multi-dimensional Mondros caese-fire agreement with Mudanya caese-fire agreement.
C05	Understand how Atatürk tried to improve Turkish Republic in the fields of politics, economics, law, education and culture
C06	Comprehend the importance of foreign affairs so that they will have the same ideas and ideals and behaviours as Ataturk had, with a consciousness of peace and stabilization with the help of Atatur
C07	Comprehend aims and the importance of Atatürk's principles to defend them consciously.
C08	Reserach various visual and written sources, materials and documents related to these subjects

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	13	2	26
Hours for off-the-c.r.stud	1	5	5
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	5	5
Total Work Load			**41**
ECTS Credit of the Course			**1**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

132	INFORMATION AND COMMUNICATION TECHNIQUES II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	132	INFORMATION AND COMMUNICATION TECHNIQUES II	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
The scope of the basic concepts of computer hardware, software, information networks, information security issues, file and folder operations, word, excel, power point, the concept and use of the internet, giving information on topics related to e-mail applications
Teaching Methods and Techniques:
Basic concepts, file management, word, excel, power point, internet and e-mail contains topics
Prerequisites:

Course Coordinator:

Instructors:
Instructor Ahmet YURDADUR
Assistants:

Recommended Sources

Textbook	:	Temel Bilgi teknolojileri I-II Book AKÜ
Resources	:	http://enformatik.aku.edu.tr/uzaktan-egitim-dersleri/bilgisayar-2/
Documents	:	http://enformatik.aku.edu.tr/uzaktan-egitim-dersleri/bilgisayar-2/
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	50	**Education**	:	
Engineering	:		**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Basic concepts		
2	File management- Application		
3	MS Word: Working with documents, improving productivity, entering text-Application		
4	Word: paragraph settings, styles, table creation, graphics and objects-Application		
5	Word: Address - mail merge, output preparation, control and print-Application		
6	Excel spreadsheet: to work with tables, insert, select, edit, sort, copy, move, delete-Application		
7	Mid-term and recourse		
8	Mid-term and recourse		
9	Excel: Rows, columns, worksheets, arithmetic formulas, functions-Application		
10	Excel: numbers, dates, alignment, graphics, output settings, control and print-Application		
11	Powerpoint Presentations: Presentations work, presentation, appearance, slides-Application		
12	Power point: the use of text, formatting, tables, graphics use, diagrams-Application		
13	Power point: Adding, editing, drawing, output preparation, control and provide-Application		
14	Internet and e-mail-Application		

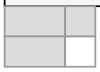
Course Learning Outcomes

No	Learning Outcomes
C01	Knows that the computer operating system the properties of the computer's hardware components
C02	Knows the information networks and properties
C03	The computer file copy, move, view file properties, file compression, decompression on the compressed files can
C04	Create a folder, rename the folder, the folder can delete, and edit operations
C05	Word text into a word processor program provides for adjustment of the line and paragraph
C06	Add Word table format your table
C07	Excel worksheet, row, column and cell selection, copy, move and delete operations will
C08	Knows the rules and formulas, the formulas work
C09	Slide on the text, tables, graphs and diagrams adds Takes on the slide makes editing and output
C10	Can modify the slide layout
C11	Information using the Internet reaches

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%100
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%160**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	5	5
Total Work Load			**66**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

140	HYDRAULIC HYDROLOGY (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	140	HYDRAULIC HYDROLOGY (ELECTIVE)	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:

Teaching Methods and Techniques:

Prerequisites:

Course Coordinator:

Instructors:

Assistants:

Recommended Sources

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

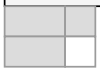
Course Category

Mathmatics and Basic Sciences	:	**Education**	:
Engineering	:	**Science**	:
Engineering Design	:	**Health**	:
Social Sciences	:	**Field**	:

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	0	0	0
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	0	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	0	0	0
Total Work Load			**0**
ECTS Credit of the Course			**0**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

134	PROFESSIONAL CONSTRUCTION DRAWING I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	134	PROFESSIONAL CONSTRUCTION DRAWING I	3	2	4

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
The importance and definition of technical drafts in an industry fields
Teaching Methods and Techniques:
The definition and classification of projection,the drafts which expresseds by two views , perspective drawings and model parts, missing given views, the diversity of sections, application of perspective .
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Riyad ŞİHAB
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Ders ile ilgili sunumlar
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	10	**Education**	:	
Engineering	:	20	**Science**	:	10
Engineering Design	:	30	**Health**	:	
Social Sciences	:		**Field**	:	30

Course Content

Week	Topics	Study Materials	Materials
1	The importance and definition of technical drafts in an industry fields		
2	The tools of Drawing technical drafts, drawing of polygons		
3	The definition and classification of projection.		
4	The definition of view of drawings.		
5	The diversity of view drawings		
6	The drafts which expressed by two views		
7	The drafts which expressed by three views		
8	Perspective drawings and model parts		
9	Missing given views		
10	The parts needed to help perspective drawings		
11	The diversity of sections		
12	The rules of obtaining the Sections		
13	Application of perspective I		
14	Application of perspective II		

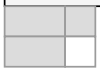
Course Learning Outcomes

No	Learning Outcomes
C01	To get information about the importance and definition of technical drafts in an industry fields
C02	The usage of the tools of Drawing technical drafts, gaining the ability of drawing of polygons
C03	to gain the knoledge about definition and classification of projection.
C04	To gain the ability of geting the definition of view of drawings making practice .
C05	To gain ability and knowledge about t he diversity of view drawings
C06	How to draw the drafts which expressed by two views
C07	How does The drafts which expressed by three views be drawn
C08	To get information and practice about Perspective drawings and model parts
C09	To gain theory and poractice about missing given views
C10	To gail the knowledge about the parts needed to help perspective drawings
C11	To gain information about the diversity of sections
C12	To learn knowledge about the rules of obtaining the Sections
C13	To get practice to get application of perspective I
C14	To gain the ability for application of perspective II

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	10	5	50
Assignments	1	6	6
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**118**
ECTS Credit of the Course			**4**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

138	OCCUPATIONAL HEALTH AND SAFETY (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	138	OCCUPATIONAL HEALTH AND SAFETY (ELECTIVE)	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
6331 sayılı İş Sağlığı Ve Güvenliği Kanununun Amaç ve Kapsamı ile ilgili bilgi vermek, İşyerlerinde; iş sağlığı ve güvenliğinin sağlanmasına yönelik görev, yetki, sorumlulukları hakkında temel bilgiler vermek İşverenin ve işçinin; işyerindeki hak ve yükümlülükleri hakkında temel bilgileri öğrenmelerini sağlamak, Öğrencinin; İş sağlığı ve güvenliği konusunda yasal mevzuatı takip edebilmesini ve yorumlamasını sağlama
Teaching Methods and Techniques:
1 İş Güvenliği mevzuatının genel çerçevesi hakkında bilgi sahibi olur. 2 İş mevzuatı ve sosyal güvenlik mevzuatındaki İSG yükümlülükleri hakkında giriş düzeyde bilgi sahibi olur. 3 İş Sağlığı ve Güvenliği Hizmetlerinin Desteklenmesi, İşyeri Hekimleri ve İş Güvenliği Uzmanlığı hakkında bilgi sahibi olur. 4 İş güvenliği mevzuatında yer alan İş Kazası ve Meslek Hastalıklarının kapsamı hakkında bilgi edinir.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Ali BALKI
Assistants:

Recommended Sources

Textbook	:	ders kitapları, slaytlar
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	**Education**	:	25
Engineering	:	**Science**	:	25
Engineering Design	:	**Health**	:	25
Social Sciences	:	**Field**	:	25

Course Content

Week	Topics	Study Materials	Materials
1	iş güvenliği uzmanlarının görev ,yetki, sorumlulukları hakkında bilgi		
2	işçi sağlığı ve güvenliği hizmetleri yönetmeliği		
3	çalışanların iş sağlığı ve güvenliği eğitimlerinin usul ve esasları yönetmeliği		
4	işçi sağlığı ve güvenliği hakkında yönetmelik		
5	iş yerinde acil durumlar hakkında yönetmelik		
6	iş yerinde işin durdurulmasına dair yönetmelik		
7	kişisel koruyucu donanım yönetmeliği		
8	inşaatta işçi sağlığı ve iş güvenliği		
9	inşaatta işçi sağlığı ve iş güvenliği		

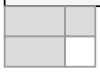
Course Learning Outcomes

No	Learning Outcomes
C01	iş güvenliği mevzuatının genel çerçevesi hakkında bilgi sahibi olmak
C02	inşaatta iş güvenliği hakkında bilgi sahibi olmak

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	5	5
Total Work Load			**38**
ECTS Credit of the Course			**1**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

112	MATHEMATICS II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	112	MATHEMATICS II	3	2,50	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Mesleği için gerekli olan matematik bilgi ve becerilerini işine uygulayabilme yeteneğini kazandırmak
Teaching Methods and Techniques:
cebirsel ifadeler
Prerequisites:

Course Coordinator:

Instructors:
Instructor Ali BALKI
Assistants:

Recommended Sources

Textbook	:	ders kitapları
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	100	**Education**	:	
Engineering	:		**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	

Course Content

Week	Topics	Study Materials	Materials
1	integral		
2	integral yardımı ile alan hacim		
3	integral hesabı ile ağırlık merkezi hesabı		
4	diferansiyel denklermler		
5	diferansiyel denklermler		
6	diferansiyel denklemler		
7	lineer denklem		

Course Learning Outcomes

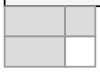
No	Learning Outcomes
C01	integral hesabı yapabilmek

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	1	5	5
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	0	0
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	5	5
Total Work Load			**52**
ECTS Credit of the Course			**2**

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

122	STRENGHT OF MATERIALS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	122	STRENGHT OF MATERIALS	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
To teach problem solving technics whicw are necessary for Machine Elements design by use of matherial mechanics concepts.
Teaching Methods and Techniques:
Basic concepts are given related to material mechanics, strength and mechanical behavior of materials. Load application types such as single load, distributed load, reduced axial moment are examined. Stress-strain relationships are examined. Sizing and deformation accaunts. Drawing of shear force and bending diagrams of various carrier systems. Direct stresses, axial normal stresses(tension and compression). Determination and analysis of Torsional, bending and compound stresses.
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Riyad ŞİHAB
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Savcı, Mustafa , Arpacı,A. Mukavemet,Birsen yayınevi ist,1999,Savcı, Mustafa , Arpacı,A. Mukavemet,Birsen yayınevi ist,1999
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:	40	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	60

Course Content

Week	Topics	Study Materials	Materials
1	Fundamentals of Mechanics of material with strain, Basic concepts, Rigid materials, Hooks material, Elastic and Plastic mate		
2	Determination of basic loading, Safety coefficent and Safety strength		
3	Stress and types of Stresses		
4	Drawing of Shear Force and bending moment diagrams according to various loading in carrier systems		
5	Stress-strain relationships, Modulus of Elasticity, Poisson ratio		
6	Analysis of axial normal stresses and application examples, Sizing and shape change accounts		
7	Thermal effects in axial normal stresses, three-hinged rod carrier systems, thin walled cylinders etc. accounts		
8	Shear Stres analysis and application examples		
9	Torsional Stres and application examples		
10	Midterm exam		
11	Torsional Stres and application examples		
12	Simple bending stresses, Elastic curve methods and applications		
13	Compound stresses and applications		
14	Buckling and applications		

Course Learning Outcomes

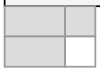
No	Learning Outcomes
C01	Able to understand basic concept of the materials mechanics
C02	Able to design carrier systems and choosing materials. Able to convert physical model to mathematical model to use mechanical prencipals
C03	Able to make sizing and and shape change accounts of carrier systems which are under various loading.
C04	Able to draw Shear Force diagrams
C05	Able to calculate moment of inertia of geometric body (circle, rectangle, donut, triangle)
C06	Able to calculate sizing and and shape change accounts
C07	Able to calculate torsional, bending and compound stresses

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	10	1	10
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**58**
ECTS Credit of the Course			**2**

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

TUR102		TURKISH LANGUAGE II			
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	TUR102	TURKISH LANGUAGE II	2	2	1

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
The aims of this course are to get students comprehend their mother tongue's grammar rules and structure.
Teaching Methods and Techniques:
The followings are aimed for the students i this course: To teach Turkish phonetics and morphology To gain the academic writting and speaking ability. To teach the written and speaking tips. To comprehend the unifying feature of lingua franca in education and importance of using the lingua franca accordig to its rules.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Özge SÖNMEZLER DURAN
Assistants:

Recommended Sources

Textbook	:	Theoretical knowledge, Sampling. Pratice
Resources	:	Textbook:
Documents	:	Türk Dili Ders Kitabı, Afyon Eğitim Sağlık ve Bilim Araştırma Vakfı Yayını, Afyonkarahisar, 2010
Assignments	:	
Exams	:	References: Türkçe Sözlük, TDK Yayınları, Ankara 2009

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:		**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:	50	**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Failures of statement	Anlatım Bozukluğu örnekleri bulunması	
2	Informations of composition	Kompozisyon hakkında kitaptan bölüm o	
3	Writing of composition	Bir atasözünün açıklanarak gelinmesi	
4	The methods of statement in composition	Kompozisyonda anlatım biçimlerinin kita	
5	Types of written statement - I	Yazılı Anlatım Türleri hakkında arştırma	
6	Types of written statement – II	Yazılı Anlatım Türleri hakkında araştırma	
7	Types of written statement - III	Örnek Soru çözümü	
8	Mid term	Örnek soru çözümü	
9	Types of Narrative	Anlatı Yazılar hakkında internetten araştı	
10	Correspondences	Bir Dilekçe yazılarak ve özgeçmiş yazara	
11	Types of poetry	Beğenilen şiir örneklerinin getirilmesi	
12	Verbal statement and features of expression in Turkish	Ktaptan Sözlü Anlatım ve Türkçenin Söyl	
13	Types of speechs to audience	Topluluk önünde konuşmalardan birinin	
14	Techniques of preparation on articles	Bilimsel Yazıları Hazırlama Tekniklerinin	

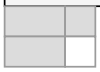
Course Learning Outcomes

No	Learning Outcomes
C01	Speak and write in accordance with the rules of Turkish.
C02	Know the written tips and write in accordance with the rules of these tips.
C03	Know the speaking tips and make a speech in accordance with the rules of these tips.
C04	Know the rules of lingua franca and apply them.
C05	Make a speech to audience properly.
C06	Write a scientific papers regularly.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	2	28
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**58**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

YAD102	ENGLISH II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	YAD102	ENGLISH II	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
Provide students to use English accurate and meaningful and to acquire reading, writing, speaking knowledge by learning basic grammar rules.
Teaching Methods and Techniques:
Prepositions of time, Polite requests, Jobs, Present simple and continuous, Places to go and events, Past simple, Making arrangements, School subjects, Parts of the body, Buying medicine, Problems, Medicines, Travel, Going to, Squences, Food, Countable and uncountable nouns, Quantities, Menu, At a restaurant, Clothes, Adjectives, At the post office, Have to, On the telephone, The weather, Comparatives and superlatives, Compass directions, Geographical features, Paragraph planning, Giving measurements, Everyday jobs
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet ERTEN
Assistants:

Recommended Sources

Textbook	:	English for Life Book, Workbook, Turkish Companion Grammar and Vocabulary, Tom Hutchinson, Carol Tabor, Jenny Quintana, OXFORD University
Resources	:	Suat Akca, Practical English,Murat Kurt, English Grammar Today
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	10	**Education**	:	10
Engineering	:		**Science**	:	10
Engineering Design	:		**Health**	:	10
Social Sciences	:	50	**Field**	:	10

Course Content

Week	Topics	Study Materials	Materials
1	Lesson 31-32-33; Prepositions of time, Polite requests, Jobs		
2	Lesson 34-35-36; Present simple and continuous, Reading, That's life episode 5		
3	Lesson 37-38-39-40; Places to go and events, Past simple, Reading, Making arrangements		
4	Lesson 41-42-43-44; School subjects, Past simple, Reading, That's life episode 6		
5	Lesson 45-46-47; Parts of the body, Past simple, Reading		
6	Lesson 48-49-50-51; Buying medicine, Problems, Medicines, Travel, Going to, Sequences		
7	Midterm exam and lesson repetition		
8	Midterm exam and lesson repetition		
9	Lesson 52-53-54; That's life episode 7, Food, Countable and uncountable nouns		
10	Lesson 55-56-57-58; Quantities, Menu,At a Restaurant, Clothes, Adjectives		
11	Lesson 59-60-61; Reading, That's life episode 6, At the post office		
12	Lesson 62-63-64-65; Have to, Reading, On the telephone, The weather		
13	Lesson 66-67-68-70; Comparatives, Compass directions, That's life episode 9, Superlatives		
14	Lesson 69-71-72-73; Geographical features, Paragraph planning, Giving measurements, Everyday jobs		

Course Learning Outcomes

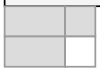
No	Learning Outcomes
C01	In accordance with listening skills, he recognizes words, becomes familiar with them, when one speaks slowly and clearly he understands the spoken.
C02	In accordance with reading skills, he understands simple and easy words and sentences.
C03	In accordance with speaking skills, he introduces himself, asks questions and answers with simple sentences.
C04	In accordance with writing skills, he writes personal information, paragraph, short text with simple words.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	1	14
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**62**
ECTS Credit of the Course			**2**

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

124	İNSULATİON TECHNİGUES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	124	İNSULATİON TECHNİGUES	2	1,50	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Identification of isolation (insulation), the properties of materials used and the application methods, comprehending the insulation surfaces and insulation types.
Teaching Methods and Techniques:
İnsulation at building, assortment, application methods
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet ERTEN
Assistants:

Recommended Sources

Textbook	:	
Resources	:	MEGEP İnsulation Notes,Related Standarts,Lecturer Tekin Tezcan Course Notes
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:	40	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	60

Course Content

Week	Topics	Study Materials	Materials
1	Definition of insulation , materials and properties		
2	Definition of insulation , materials and properties		
3	Preparation to insulation,used tools,usage methods		
4	Preparation to insulation,used tools,usage methods		
5	Water and humidity insulation, properties and application methods		
6	Water and humidity insulation, properties and application methods		
7	Water and humidity insulation, properties and application methods		
8	Midterm Examination		
9	Temperature and sound insulation, properties and application methods		
10	Temperature and sound insulation, properties and application methods		
11	Temperature and sound insulation, properties and application methods		
12	Fire insulation,properties and application methods		
13	Fire insulation,properties and application methods		
14	General repetition,the checking of the homework		

Course Learning Outcomes

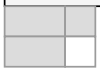
No	Learning Outcomes
C01	To describe isolation (insulation), to get students to comprehend the properties of used materials and usage methods, to be knowledgeable about isolated surfaces and sorts of isolation

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	2	4	8
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	14	1	14
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**70**
ECTS Credit of the Course			**2**

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

116	BUİLDİNG OF TECNİCAL AND APPLİCATİONS MASONRY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	116	BUİLDİNG OF TECNİCAL AND APPLİCATİONS MASONRY	4	3	4

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Preparation of mortar for wall and gaining the skill and information on planning and making the put up wall with different wall materials. Gain the information and skill about preparing the plaster mortar and plastering on different wall surface. Acquiring the skill and knowledge of work security, plaster covering and planning and applying isolation works.
Teaching Methods and Techniques:
Sieve the sand and prepare the mortar for wall, Put up wall with brick and block element, Make to care and control of wall surface. Ability of sieving the sand and preparing the mortar for plaster. Ability of fine and coarse plastering the different wall surface, Students can make ceramic, stone, brick and glass covering.
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Riyad ŞİHAB
Assistants:

Recommended Sources

Textbook	:	ÖZCAN Köksal; YAPI, BRC Basım Ltd Şti, Ankara, 2002. OYMAEL Sabit; Yapı Bilgisi I Temel Ders Kitabı, Milli Eğitim Basımevi, İstanbul, 2003.
Resources	:	Aruntaş, H.Y., Yapı Teknolojisi ve Uygulama Ders Notları, Ankara, 2003.
Documents	:	Aruntaş, H.Y., Yapı Teknolojisi ve Uygulama Ders Notları, Ankara, 2003.,It can be made to care and control of wall surface,OYMAEL Sabit; Yapı Bilg
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:		**Science**	:	
Engineering Design	:	80	**Health**	:	
Social Sciences	:		**Field**	:	20

Course Content

Week	Topics	Study Materials	Materials
1	Definition of wall, purpose of masonry, explanation the masonry materials, size of wall materials and properties of them		
2	Explanation of rule of put up wall and sieves the sand. Make to sieve the sand and preparation mortars in different type in		
3	Explanation of key row brick wall and its application at full thickness with lime mortar in workshop.		
4	Corners in masonry structures. Explanation of corner union at straight row brick wall and its application at ½ thicknesses w		
5	Definition of plaster, aim of use, expression of plaster type and their aim, expression of mortar properties and components		
6	Expression of making the mortar for coarse plaster, preparation before plastering and making the bar for plaster. Applicatic		
7	Midterm Exam and repeating courses		
8	Midterm Exam and repeating courses		
9	Expression of making the coarse plaster with template. Preparing the mortar for coarse plaster in workshop and finishing th		
10	Expression of making mortar for fine plaster. Expression of mortar properties and components such as lime, cement, sand		
11	Expression of making mortar for gypsum plaster. Expression of materials and tools used in gypsum plaster. Application of g		
12	Expression of properties and preparing of shot-plaster. Application of colored shot-plaster on wall surface in workshop.		
13	Ceramic, tile coating		
14	mosaic covering		

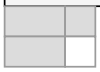
Course Learning Outcomes

No	Learning Outcomes
C01	It can be sieved the sand and prepared the mortar for masonry
C02	It can be made to put up wall with brick and block element
C03	It can be made to care and control of wall surface
C04	It can be sieved the sand and preparing the mortar for plaster
C05	It can be made to fine and coarse plaster on different wall surface
C06	It can be made to plastering the wall surface with shot-plaster or gypsum.
C07	To prepare covering plaster
C08	Students can make ceramic, stone, brick and glass covering.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	1	%20
Project	0	%0
Final examination	1	%60
Total		**%120**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	20	1	20
Assignments	1	20	20
Presentation	0	0	0
Mid-terms	1	15	15
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	15	15
Total Work Load			**112**
ECTS Credit of the Course			**4**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

136	ROAD INFORMATION (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
2	136	ROAD INFORMATION (ELECTIVE)	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
Students' ; gain knowledge about the mentioned of the course content topics and provide these information to apply.
Teaching Methods and Techniques:
Highway geometrical elements, rad pavements, highway, pavement management systems, traffic and signaling, art structures
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet Erten
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Nadir Yayla, Highway engineering,Argun Tunç, Traffic engineering and applications,Argun Tunç, Pavement engineering
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	20	**Education**	:	
Engineering	:	30	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	History of highway, basic definitions, resistance against movement		
2	highway geometrical standards, capacity and level of service		
3	Route survey		
4	Horizontal and vertical curves		
5	Soil works		
6	Art structures		
7	Midterm exam and lesson repetition		
8	Midterm exam and lesson repetition		
9	Flexible and rigid pavements		
10	Highway		
11	Intersections		
12	Signaling and safety of traffic		
13	Pavement management system		
14	Intelligent transportation systems		

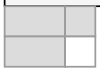
Course Learning Outcomes

No	Learning Outcomes
C01	Having information about highway geometrical standards
C02	Having information about Transporting Planning, Traffic and Signaling
C03	Having information about flexible and rijit pavement and these experiments
C04	Having information about railway, art structures, pavement management system and intelligent transportation systems

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	10	2	20
Assignments	1	6	6
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**74**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

237	CONCRETE TECHNOLOGY (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	237	CONCRETE TECHNOLOGY (ELECTIVE)	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
To make students acquire the definition and types of concrete, compound elements, compound calculations and concrete quality tests.
Teaching Methods and Techniques:
Definition of concrete. Concrete types according to concrete resistance classes, unit volume weight, agregantes produced from, usage and production place. Concrete mix elements; cements, agregantes, water, chemical and mineral additives, Penetrability, resistance, endurance, water permeability, elasticity, Factors affecting features of concrete; features of cement, water-cement ratio, mixture water, features of agregantes,mixing, carrying, locating and aging, Concrete mix calculation: agregante, cement, water-cement ratio, determining the quantity of additives, resistance and endurance experiments of concrete.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet Erten
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Associate Prof. Kemal Yücel Lecture notes,Associate Prof. Osman Şimşek - Construction materials,Associate Prof. Halit Yazıcı - Concrete Technology
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	20	**Education**	:	
Engineering	:	30	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	History of concrete		
2	advantage and disadvanteges of concrete		
3	Concrete components		
4	Concretes according to unit weight		
5	Concrete according to compressive strenght		
6	Production of concrete		
7	Midterm exam and lesson repetition		
8	Midterm exam and lesson repetition		
9	Production of concrete		
10	To pour concrete under adverse conditions		
11	Special concretes		
12	The expected properties of concrete		
13	Fresh concrete tests		
14	Hardened concrete tests		

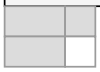
Course Learning Outcomes

No	Learning Outcomes
C01	Knowing concrete and components
C02	To be able to concrete tests
C03	To be able to mix design of concrete
C04	having information about the production and implementation of concrete

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	3	2	6
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	6	1	6
Project	0	0	0
Final examination	1	10	10
Total Work Load			**60**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

229	REINFORCED CONCRETE I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	229	REINFORCED CONCRETE I	3	3	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Comprehend the elements of reinforced concrete and
Teaching Methods and Techniques:
A-pavement static calculations 1-Concrete and Concrete 2-Concrete strength 3-concrete classes Steel and features 4-RC Good and bad aspects of 5-reinforced concrete 6-RC code of conduct 7 - Reinforced concrete structural elements - Decks - Beams - Columns - Curtain walls 8 - Floor accounts 9 - Regulatory requirements B-Floor Design First-floor design 2-Pavements Standard restrictions
Prerequisites:

Course Coordinator:

Instructors:
Instructor Mustafa KAVAL
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Reinforced concrete construction accounts / Yalman ODABAŞI / Beta Distribution,Concrete / Ismet Aka / Fikret Keskinel / Feridun Çılı / Cem Çelik,R
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	10	**Education**	:	
Engineering	:	30	**Science**	:	
Engineering Design	:	20	**Health**	:	
Social Sciences	:		**Field**	:	40

Course Content

Week	Topics	Study Materials	Materials
1	Definition of concrete		
2	Features		
3	Types of installation		
4	Reinforced concrete structural elements		
5	Columns		
6	Columns		
7	Midterm repetition of a course		
8	Midterm repetition of a course		
9	Beams		
10	Beams		
11	Floors		
12	Floors		
13	Foundations		
14	Foundations		

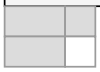
Course Learning Outcomes

No	Learning Outcomes
C01	Learn the definition and properties of concrete.
C02	Understands and reinforced concrete structural elements of the installation types
C03	Columns, beams comprehend.
C04	Floors, foundations comprehend.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	5	4	20
Assignments	3	2	6
Presentation	0	0	0
Mid-terms	1	15	15
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	25	25
Total Work Load			**94**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

225	COMPUTER AIDED DESIGN				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	225	COMPUTER AIDED DESIGN	3	2,50	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Drawing using a drawing program on the computer will be able to learn and practice the commands.
Teaching Methods and Techniques:
CAD (Computer Aided Design) Station, Basic CAD Work, Coordinate Systems, Disk Usage, drawing and Commands, Dimensioning, Configuration, Transfer of drawings on paper, plotters Use, Advanced CAD Work
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet Erten
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Prof.Dr. - Drawing and design with autocad 2006 /for everyone
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	5	**Education**	:	
Engineering	:	15	**Science**	:	
Engineering Design	:	60	**Health**	:	
Social Sciences	:		**Field**	:	20

Course Content

Week	Topics	Study Materials	Materials
1	Basic information pertaining to the Cad system		
2	Creating layer and recognition of the assistant drawings		
3	Basic geometric drawing elements		
4	Basic geometric drawing elements		
5	object arrangement		
6	drawing application examples		
7	Midterm exam and lesson repetition		
8	Midterm exam and lesson repetition		
9	Drawing scaling		
10	Writing in the drawing and adding symbol		
12	Drawing application examples		
13	Drawing appllication exaples		
14	Drawing application examples		

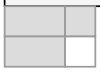
Course Learning Outcomes

No	Learning Outcomes
C01	Using cad software commands
C02	Making settings for program
C03	Using dimension commands
C04	Achieving printing of drawing

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	7	1	7
Assignments	2	4	8
Presentation	0	0	0
Mid-terms	1	10	10
Practice	14	1	14
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**77**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

209	STELL CONSTRUCTIONS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	209	STELL CONSTRUCTIONS	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
In this course, students apply the principles of the selected steel structure design.
Teaching Methods and Techniques:
Steel Structures junction points (Rivet, Bolt and Source), Steel structure Spot Details, Steel Structures Tensile Bars, Steel Structures Pressure Bars
Prerequisites:

Course Coordinator:

Instructors:
Instructor Mustafa KAVAL
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Steel Problems / Necati ERSEN / Birsen bookstore,Steel Structures / Hilmi DEREN /Caglayan bookstore,Steel Structures / Mustafa KARADUMAN / At
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	10	**Education**	:	
Engineering	:	40	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Steel and Steel Structures		
2	Steel Structures junction points		
3	Steel Structures junction points		
4	Riveted Joints		
5	Bolted Joins		
6	bolted Joins		
7	Midterm Exam and Course Review		
8	Midterm Exam and Course Review		
9	welded		
10	welded		
11	Steel Structures Tensile Bars		
12	Steel Structures Tensile Bars		
13	Steel Structures Pressure Bars		
14	Steel Structures Pressure Bars		

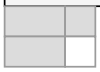
Course Learning Outcomes

No	Learning Outcomes
C01	Design of steel structures junction points
C02	Steel structure design drawing elements
C03	Steel structure design of the pressure elements

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	10	2	20
Assignments	5	2	10
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	1	20	20
Final examination	0	0	0
Total Work Load			**102**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

GR201	ENTREPRENEURSHIP I (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	GR201	ENTREPRENEURSHIP I (ELECTIVE)	2	1,50	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
Entrepreneurship courses, initiatives, issues related to the concepts of entrepreneurial learning, entrepreneurship explain the key concepts and theoretical framework aims at establishing a bridge between applications in daily life. The assumption, of course, each student taking this course can build your own business is not successful. Our goal is the active participation of students and frequently encountered examples of entrepreneurial success and failure in a healthy way to analyze more
Teaching Methods and Techniques:
In this course, the entrepreneur characteristics, sex factor, entrepreneurship, entrepreneurial culture and entrepreneurial types examined.
Prerequisites:

Course Coordinator:

Instructors:

Assistants:

Recommended Sources

Textbook	:	Mahmut Tekin Girişimcilik AÖF Yayınları, Girişimcilik, Michael Gerber Girişimcilik Tutkusu
Resources	:	
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	10
Engineering	:		**Science**	:	10
Engineering Design	:		**Health**	:	
Social Sciences	:	30	**Field**	:	50

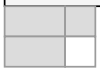
Course Learning Outcomes

No	Learning Outcomes
C01	Understand Who They are and Who the Entrepreneurship is not
C02	Explains the basic concepts of the subject entrepreneurship
C03	Draws a frame of real-life examples of entrepreneurship
C05	Challenges faced by entrepreneurs gain awareness and knows ways to search for a solution to these problems

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	2	4	8
Assignments	1	8	8
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**46**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

235	ZONING REGULATIONS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	235	ZONING REGULATIONS	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
To learn regulations related to Building Inspection with the aim of providing entity in compliance with plan, technique, health and environment conditions.
Teaching Methods and Techniques:
Related law subjects, Constitution, Development Plan Law, Property - Development Relations, Real Estate, Legal Arrangement and Case Law with theoretical and practical aspects related to specific cases in Appurtenances bound to Real Estate
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet Erten
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Associated Prof. Kemal Çelik - planning and zonning law application,Prof. Dr. Ferruh Yıldız - Zonning information
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	20	**Education**	:	
Engineering	:	20	**Science**	:	
Engineering Design	:	30	**Health**	:	
Social Sciences	:		**Field**	:	30

Course Content

Week	Topics	Study Materials	Materials
1	Private law, public law, administrative law, criminal law		
2	Ezamination of professional judgement in the constitution		
3	Zoning laws; purpose, scope, definitions		
4	Reconstruction of legislation and implementation		
5	The preparation and enforcement, competent ministries in development plans		
6	Reconstruction programs, expropriation and limitation of state, the state owned property		
7	Midterm exam and lesson repetition		
8	Midterm exam and lesson repetition		
9	Places devoted to public service in the development plan, Easements		
10	Seperation, unification, registration and removing the water, the remaining parts over from expropriation		
11	Land arrangements		
12	Preparation anad registration of the subdivision plan		
13	Regarding the structures and principles, property development relationships		
14	Immovable property (real estate), easement rights in special circumstances connected to real estate		

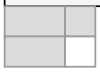
Course Learning Outcomes

No	Learning Outcomes
C01	Knowing occupational law terminologies
C02	Knowing the statements in constitutional law related to our occupation
C03	Knowing the statements in development plan law related to our occupation
C04	Knowing the general provisions relate to development plan law
C05	Knowing general provisions relate to arrangement of development plan programs
C06	Necessary knowledge about the protection of historical, cultural and natural entities
C07	Knowing the local government organs and their duties
C08	Carrying out the reations with municipality in project and construction processes of firms

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	6	3	18
Assignments	2	2	4
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**70**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

233	PROFESSIONAL BUILDING OFFICIAL II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	233	PROFESSIONAL BUILDING OFFICIAL II	3	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
With this course, students are aimed to gain competencies necessary to draw technical drawings.
Teaching Methods and Techniques:
Technical Drawing Tools and Materials, Line Types, Drawings of Geometric Shapes, Drawing, Drawing, Scales and Measuring, Perspective
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Riyad ŞİHAB
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Ders ile ilgili sunumlar
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	20	**Education**	:	
Engineering	:	50	**Science**	:	
Engineering Design	:	30	**Health**	:	
Social Sciences	:		**Field**	:	

Course Content

Week	Topics	Study Materials	Materials
1	Teknik Resim Araç ve Gerecleri		
2	Çizgi Çesitleri		
3	Geometrik Ş□ekillerin Çizimler		
4	Geometrik Ş□ekillerin Çizimler		
5	Geometrik Ş□ekillerin Çizimler		
6	İz düsüm		
7	İz düsüm		
8	Ara Sınav		
9	Görünüş Çıkarma		
10	Görünüş Çıkarma		
11	Görünüş Çıkarma		
12	Ölçekler ve Ölçülendirme		
13	Ölçekler ve Ölçülendirme		
14	Perspektif		

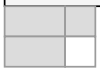
Course Learning Outcomes

No	Learning Outcomes
C01	Drawing plan
C02	Perspektif Çizimi Yapmak
C03	İzdüşüm ve Görünüş Çıkarmak
C04	Temel Sekilleri Cizmek

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	5	3	15
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	5	5
Practice	0	0	0
Laboratory	0	0	0
Project	5	5	25
Final examination	1	5	5
Total Work Load			**92**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

241	WATER SUPPLY AND WASTE WATER (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	241	WATER SUPPLY AND WASTE WATER (ELECTIVE)	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
With this course, the student, the surrounding water resources by identifying appropriate, be able to do the necessary work to make it available.
Teaching Methods and Techniques:
How to obtain the sources of water are put to decide on the method of detection and removal of waste.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Mustafa KAVAL
Assistants:

Recommended Sources

Textbook	:
Resources	:
Documents	:
Assignments	:
Exams	:

Course Category

Mathmatics and Basic Sciences	:	30	**Education**	:	
Engineering	:	40	**Science**	:	
Engineering Design	:	20	**Health**	:	
Social Sciences	:		**Field**	:	10

Course Content

Week	Topics	Study Materials	Materials
1	drinking water		
2	irrigation water		
3	energy production water		
4	Su İhtiyacı		
5	flow rate of the water source		
6	water		
7	Review of the previous lessons and midterm exams		
8	Review of the previous lessons and midterm exams		
9	groundwater		
10	attractive transmission		
11	attractive transmission		
12	attractive transmission		
13	wastewater		
14	wastewater		

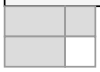
Course Learning Outcomes

No	Learning Outcomes
C01	Available water resources in the surrounding area will be able to identify
C02	Available water resources in the surrounding area will be able to identify
C03	Study on water resources in the collection compiled and inspect the work of
C04	Transmitted until the user points the use of the water source, inspect the work of

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	0	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	4	3	12
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	8	8
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**72**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

231	CONSTRUCTION MANAGEMENT AND SITE TECHNOLOGY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	231	CONSTRUCTION MANAGEMENT AND SITE TECHNOLOGY	2	1,50	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Classification of structures and structures, underground works, ground works, teaching of coating works
Teaching Methods and Techniques:
Basic definitions and structure of buildings, basic types and basic works such as excavation, drainage, grobeton, wall types, materials used in walls and walling techniques, simple calculations with stairs and elements, chimney types, Types, natural and artificial materials used for covering the walls and upholstery, to understand the basic rules about the usage places, preparation of places to apply and their application
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Riyad ŞİHAB
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Ders ile ilgili sunum
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	20	**Education**	:	
Engineering	:	50	**Science**	:	10
Engineering Design	:	20	**Health**	:	
Social Sciences	:		**Field**	:	

Course Content

Week	Topics	Study Materials	Materials
1	Yapı, yapıların sınıflandırılması, yapıya hazırlık		
2	Zemin çalışmaları		
3	Tahkimat işleri, kazı işleri, drenaj		
4	Yüzeysel temel tipleri ve uygulama nedenleri		
5	Derin temel tipleri ve uygulama nedenleri		
6	Duvar malzemeleri ve özellikleri		
7	Duvarlar örgükuralları ve yığma yapılardaki lento, yatay ve düşey hatıl kuralları		
9	Merdiven çeşitleri ve elemanları		
10	Bacalar		
11	Basit merdiven hesapları		
12	Catılar		
13	Boyalar ve badanalar		
14	Hazır dış cephe kaplama malzemelerini		

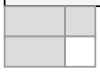
Course Learning Outcomes

No	Learning Outcomes
C01	Bir binanın inşa edilmesi için temelden çatıya kadar yapılması gereken ince ve kaba işlerle ilgili genel kültür ve alt yapının oluşturulması.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	10	3	30
Assignments	5	4	20
Presentation	0	0	0
Mid-terms	1	6	6
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	6	6
Total Work Load			**90**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

211	BUİLDİNG OF TECHNİCAL AND APPLİCATİONS II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	211	BUİLDİNG OF TECHNİCAL AND APPLİCATİONS II	4	3	4

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
The aim of this lecture, students gaining the skill and information on formwork system classification, component definition, set up and pulling out processes. Techniques of Reinforced Concrete Structures course is acquired knowledge and skills about preparing and application reinforcing bars of structural elements, replacement bars into elements taking measures related to safety for undergraduate construction teacher students.
Teaching Methods and Techniques:
It can be prepared formwork units according to project. It can be made shuttering for foundation, column, beam, staircase and floor, To apply replacement of reinforcing bars into molds according to project and codes.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Şaban Yurtcu
Assistants:

Recommended Sources

Textbook	:	Kürklü G., Akbulut H., "Tüm Yönleriyle Beton ve Betonarme Kalıpları", Teknik Yayınevi, Ankara, 2003.
Resources	:	TS 500 Betonarme Yapıların Hesap ve Yapım Kuralları, 2000,Kürklü G., Akbulut H., "Tüm Yönleriyle Beton ve Betonarme Kalıpları", Teknik Yayınevi,
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:		**Science**	:	
Engineering Design	:	60	**Health**	:	
Social Sciences	:		**Field**	:	40

Course Content

Week	Topics	Study Materials	Materials
1	The Work Safety Measures, The Preparation of Tools and Machines for Usage		
2	Description and Properties of Reinforcing Bars, Other Materials		
3	The Bending of Reinforcing Bars, Cleaning of Surfaces, Cutting, Lap Splicing		
4	Joining Reinforcing Bars Together and Application		
5	Preparation of the Reinforced Concrete Foundations Molds		
6	The Placement of the Steel Reinforcement within the RC Foundation and Tie Beams		
7	Midterm Exam and repeating courses		
8	Midterm Exam and repeating courses		
9	Preparation of the RC Columns Molds, The placement of the steel reinforcement within the RC Columns, Adjusting of Concr		
10	Preparation of the RC Beams Molds, The placement of the Steel Reinforcement within the RC Beams, Adjusting of Concrete		
11	Preparation of the RC Slabs with Beams Molds, The placement of the Steel Reinforcement within the RC Slabs, Adjusting of		
12	Controls of Reinforcing Bars according to Projects and Codes		
13	Concrete Pouring Operation		
14	Finishing Concrete Flatwork. Concrete Curing Techniques		

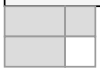
Course Learning Outcomes

No	Learning Outcomes
C01	It can be taken precautions interested in work safety.
C02	It can be prepared ip pier according to project.
C03	It can be prepared formwork units according to project.
C04	It can be made shuttering for foundation, column, beam, floor
C05	It can be made shuttering staircase
C06	Be able to teach techniques of poring concrete

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%30
Quizzes	0	%0
Assignment	0	%0
Attendance	1	%20
Practice	1	%50
Project	0	%0
Final examination	1	%40
Total		**%140**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	20	1	20
Assignments	1	20	20
Presentation	0	0	0
Mid-terms	1	15	15
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	15	15
Total Work Load			**112**
ECTS Credit of the Course			**4**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

227	SOIL MECHANICS I				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
3	227	SOIL MECHANICS I	3	2,50	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Aim of this course is to enable students to do necessary calculations, to present definition and features of grounds especially in terms of construction, by making them acquire knowledge in vocational and terminological aspects related to ground mechanics.
Teaching Methods and Techniques:
Basic physical features of grounds, (Specific Bulk Density, Void Ratio, Porosity, Water Content, Saturation Degree, Rolative Frequency) Classification of Grounds, Atterberg Limits, Classification Systems, Ground Water, Pore Water Pressure and Effective Tension, Premeability of Grounds, Compaction.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet Erten
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Prof.Dr. Osman Sivrikaya Ground Mechanics,Associate Prof. Havvanur Kılıç - Ground Mechanics,Associate prof. İnan Keskin - Ground Mekhanics,Pro
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	20	**Education**	:	
Engineering	:	30	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Formation of grounds		
2	Physical properties of grounds		
3	Classifications of grounds and consistency		
4	Permeability, water in ground		
5	stress - form changing behaviour and shear strength of grounds		
6	lateral pressure - slope stability		
7	Midterm exam and lesson repetition		
8	Midterm exam and lesson repetition		
9	Ground problems		
10	Consolidation - Compaction		
11	Ground survey		
12	Ground improvement		
13	Ground carrying power and foundations		
14	sampling from ground and ground tests		

Course Learning Outcomes

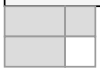
No	Learning Outcomes
C01	Classification of grounds
C02	Performing basic index experiments
C03	Designing relation between structure and ground
C04	Solving to ground problems

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	2	2	4
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	14	1	14
Laboratory	6	1	6
Project	0	0	0
Final examination	1	10	10
Total Work Load			**72**
ECTS Credit of the Course			**2**

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

234	CONCRETE II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	234	CONCRETE II	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Grasp the foundations of reinforced concrete and reinforced concrete project
Teaching Methods and Techniques:
1. Reinforced concrete shear walls 2. Concrete foundations 3. Concrete project drawing
Prerequisites:

Course Coordinator:

Instructors:
Instructor Mustafa KAVAL
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Reinforced concrete construction accounts / Yalman ODABAŞI / Beta Distribution,Reinforced Concrete Structures / Zekai CELEP / Beta Distribution
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	10	**Education**	:	
Engineering	:	20	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	70

Course Content

Week	Topics	Study Materials	Materials
1	Reinforced concrete shear walls		
2	Reinforced concrete shear walls		
3	Concrete foundations		
4	Concrete foundations		
5	Mold plan		
6	Colon plan		
7	Midterm and Repeating Courses		
8	Midterm and Repeating Courses		
9	Floor plan		
10	Basic plan		
11	Concrete project drawing		
12	Concrete project drawing		
13	Concrete project drawing		
14	Concrete project drawing		

Course Learning Outcomes

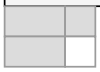
No	Learning Outcomes
C01	Betonarme curtain walls of the clutch
C02	Fundamentals of reinforced concrete coupling
C03	Making a concrete project drawing.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	5	3	15
Assignments	4	4	16
Presentation	0	0	0
Mid-terms	1	8	8
Practice	0	0	0
Laboratory	0	0	0
Project	1	5	5
Final examination	1	10	10
Total Work Load			**82**
ECTS Credit of the Course			**3**

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

238	COMPUTER AIDED PACKAGE PROGRAMS (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	238	COMPUTER AIDED PACKAGE PROGRAMS (ELECTIVE)	2	2	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
To be able to follow the progress of construction information and construction through computer program.
Teaching Methods and Techniques:
Use of the Yapden program
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet ERTEN
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Yapden Program
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	10	**Education**	:	
Engineering	:	20	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	70

Course Content

Week	Topics	Study Materials	Materials
1	İntroduction of the program		
2	Structure information entry to program		
3	Structure information entry to program		
4	Structure information entry to program		
5	updating structure information		
6	Updating structure information		
7	Updating structure information		
8	Midterm examination		
9	incorrectly entered information correction		
10	incorrectly entered information correction		
11	Application		
12	Application		
13	Application		
14	Application		

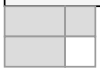
Course Learning Outcomes

No	Learning Outcomes
C01	Students will be able to use Yapden program

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	5	2	10
Assignments	2	2	4
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**62**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

GR202	ENTREPRENEURSHIP II (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	GR202	ENTREPRENEURSHIP II (ELECTIVE)	2	1,50	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
Entrepreneurship courses, initiatives, issues related to the concepts of entrepreneurial learning, entrepreneurship explain the key concepts and theoretical framework aims at establishing a bridge between applications in daily life. The assumption, of course, each student taking this course can build your own business is not successful. Our goal is the active participation of students and frequently encountered examples of entrepreneurial success and failure in a healthy way to analyze more
Teaching Methods and Techniques:
In this course, the entrepreneur characteristics, sex factor, entrepreneurship, entrepreneurial culture and entrepreneurial types examined.
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof. Nuray Helvacıoğlu
Assistants:

Recommended Sources

Textbook	:	AÖF Yayınları, Girişimcilik, Michael Gerber Girişimcilik Tutkusu
Resources	:	Mahmut Tekin Girişimcilik
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	**Education**	:
Engineering	:	**Science**	:
Engineering Design	:	**Health**	:
Social Sciences	:	**Field**	:

Course Content

Week	Topics	Study Materials	Materials
1	Introduction and Basic Concepts		
2	Charecteristics of entrepreneurship		
3	Culture of entrepreneurship		
4	Types of entrepreneurship		
5	Gender factor in entrepreneurship		
6	Entrepreneurship Ethics		
7	Encouraging entrepreneurship in Turkey		
8	Mid-term exam		
9	Stories of successful entrepreneurship		
10	Entrepreneurship and Leadership		
11	Franchising		
12	Local entrepreneurship		
13	Entrepreneurship in Turkey		
14	Overall rating		
15	Final exam		

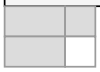
Course Learning Outcomes

No	Learning Outcomes
C01	Understand Who They are and Who the Entrepreneurship is not
C02	Explains the basic concepts of the subject entrepreneurship
C03	Draws a frame of real-life examples of entrepreneurship
C04	Becomes aware of the different aspects and dimensions of the issue of entrepreneurship
C05	Challenges faced by entrepreneurs gain awareness and knows ways to search for a solution to these problems

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	2	4	8
Assignments	1	8	8
Presentation	0	0	0
Mid-terms	1	1	1
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			**46**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

214	REHABİLİTATİON OF DAMAGED STRUCTURES				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	214	REHABİLİTATİON OF DAMAGED STRUCTURES	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Rehabilitation of Damaged Structures course is acquired knowledge about structural or non structural damages and rehabilitation and strengthening of damaged structures for undergraduate construction teacher students.
Teaching Methods and Techniques:
Yapıda oluşan hasar tespitleri, onarında kullanılacak malzemeler, hasarların onarımı.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Şaban Yurtcu
Assistants:

Recommended Sources

Textbook	:	Structural Damages and Rehabilitation Fundamentals (In Turkish), Akman, S., İMO İstanbul, 2000
Resources	:	Ms.C Thesis,Structural Damages and Rehabilitation Fundamentals (In Turkish), Akman, S., İMO İstanbul, 2000
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:	40	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	60

Course Content

Week	Topics	Study Materials	Materials
1	Type and Degree of Structural Damages		
2	The Factors causing to Structural Damages		
3	Determining Existing Strength of Structure		
4	Occurring Damages on Concrete Structures		
5	Protection Measures of Concrete Structures		
6	Diagnosis Methods of Concrete Structures		
7	Midterm Exam and repeating courses		
8	Midterm Exam and repeating courses		
9	Occurring Damages on Reinforced Concrete Structures After Occurring Earthquakes		
10	The Degree of Occurring Damages on Reinforced Concrete Structures		
11	The Materials for Using Rehabilitation and Strengthening of Damaged Structures		
12	Rehabilitation and Strengthening Techniques		
13	Rehabilitation and Strengthening Techniques		
14	Technical Reports Preparing Methods Related to Rehabilitation and Strengthening of Damaged Structures		

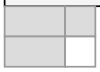
Course Learning Outcomes

No	Learning Outcomes
C01	Be able to teach causes of occurring structural damages
C02	Be able to teach rehabilitation and strengthening methods for structural damages
C03	Be able to understand to build structure safety
C04	Be able to teach how structure damage determines
C05	Be able to teach how technical report writes
C06	Be able to have knowledge about specifications and codes

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	1	%20
Attendance	1	%10
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%130**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	20	1	20
Assignments	1	10	10
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**92**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

208	QUANTITIES AND DISCOVERS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	208	QUANTITIES AND DISCOVERS	3	2,50	4

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Unit price recipes and calculations, metering, and recognize and make the discovery of the Green books, book attachment, Hydrographic book and this book by taking advantage of vesting arrangement, provisional and final acceptance procedures
Teaching Methods and Techniques:
A-Removing the Bill of Quantity 1 - Work Study 2-Zoning laws and regulations 3-Technical specifications 4-Feasibility reports 5-Metering B-Removal of Unit Price 1-Discovery and Metering 2-Cost calculations 3 - Site List C-Approximate Cost Calculations 1-Discovery and Metering 2-Cost calculations 3-To removing the Pursantaj
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet ERTEN
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Bill of quantity, Discovery / Ilhan Özturan,Construction quantities and estimates their jobs / Şakir Ugur GÖZÜ
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	20	**Education**	:	
Engineering	:	30	**Science**	:	
Engineering Design	:	10	**Health**	:	
Social Sciences	:		**Field**	:	40

Course Content

Week	Topics	Study Materials	Materials
1	Unit prices		
2	Bill of quantity and exploration description and types		
3	Structure and bill of quantity rulers		
4	Bill of quantity and exploration summary		
5	Progress		
6	Green notebook and arrangement		
7	Attachment notebook and arrangement		
8	Midterm examination and repetition of course		
9	Price gap applications, Preparing the Unit Price, Approximate Cost Calculations		
10	Provisional and final acceptance		
11	Approximate Cost Calculations		
12	Procurement Commissions, General, Technical and Special Specifications		
13	Tender Files		
14	PPA (Public Procurement Act) Files Offer		

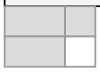
Course Learning Outcomes

No	Learning Outcomes
C01	Preparation will be able to tender in accordance with applicable law
C02	Be able to tender in accordance with applicable law
C03	Accordance with applicable law will be able to contract with the contractor
C04	students will be able to preparing the building bill of quantity

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	8	3	24
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	14	1	14
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**100**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

240	NUMERICAL ANALYSIS II (ELECTIVE)				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	240	NUMERICAL ANALYSIS II (ELECTIVE)	2	1,50	2

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Seçmeli
Goals:
Getting to be a general knowledge building inspection of law. Then an infrastructure to be taught in law classes.
Teaching Methods and Techniques:
Basic legal concepts to be taught in other periods in order to learn the necessary lessons of civil law, constitution, administration, and building inspection contains general information about criminal hukukları.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Nefise Mertgenç
Assistants:

Recommended Sources

Textbook	:	
Resources	:	3-Kemal Gözler, Introduction to Law, PrenticeHall Publishing, 2006.,2. The Constitution of 1982,1 - NecipBİLGE, Introduction to Law, Turhan Books
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	**Education**	:	
Engineering	:	**Science**	:	
Engineering Design	:	**Health**	:	
Social Sciences	:	**Field**	:	100

Course Content

Week	Topics	Study Materials	Materials
1	The concept of law, rules of social order, law and law enforcement resources		
2	The general provisions of civil law, honesty rule, the judge and the judge the discretion to create law		
3	Real people, acquire rights vers license, residence, kinship, personality termination		
4	Legal persons, associations and foundations		
5	Ownership of real estate, condominium and irtifaklar		
6	Relationship between debt, liabilities arising from these agreements, arising from tort liabilities, liabilities arising from unjus		
7	Midterm Exam + Repeating Courses		
8	Midterm Exam + Repeating Courses		
9	Constitutional law of the state structure and properties of the functional bodies and the state		
10	Fundamental rights and freedoms, the Constitutional Court and the proceedings		
11	Administrative proceedings and administrative law, public service and public power, centralization and decentralization		
12	Official and working order, the administrative courts, administrative proceedings, cancellation proceedings, full judicial proc		
13	Normative structure of crime and punishment, crime and the elements of the concept of		
14	The penalties, security measures, termination of litigation and penalties		

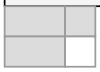
Course Learning Outcomes

No	Learning Outcomes
C01	Assets provides a better understanding of the justification of social norms.
C02	Law provides recognition of
C03	Law enforcement provides the learning.
C04	Legal Rules provides an understanding of the importance of the life of society.
C05	People and the family defines the legal system
C06	Definition of the basic concepts of law and the rights of law defines the types of system

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	14	3	42
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	4	4
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	5	5
Total Work Load			**79**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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CONSTRUCTION INSPECTION

204	FOUNDATİON CONSTRUCTİON				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	204	FOUNDATİON CONSTRUCTİON	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
It is brought in knowledge relating to soil parameters, bearing capacity and consolidation, design of retaining walls.
Teaching Methods and Techniques:
Bearing capacity of shallow foundations, design criteria for foundation on sand and clay, settlement criteria, foundation pit.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Şaban Yurtcu
Assistants:

Recommended Sources

Textbook	:	Uzuner B. Ali (2000), Temel Mühendisliğine giriş, Derya kitabevi. Liu Cheng, Evet Jack (1998), Soils and Foundations, Prentice-Hall. Yıldırım Sönmez
Resources	:	Liu Cheng, Evet Jack (1998), Soils and Foundations, Prentice-Hall.,Yıldırım Sönmez (2002), zemin incelemesi ve temel tasarımı, Birsen yayınevi.,Uzu
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:	40	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	60

Course Content

Week	Topics	Study Materials	Materials
1	Foundation terms Soil exploration planning, executing and evaluated		
2	In situ works Surveying, trial pit, boring hole3		
3	In situ tests Standard penetration test, Cone penetration test, pressuremeter test		
4	Flat dilatometer test, dilatometre deneyi		
5	Soil bearing capacity Ultimate bearing capacity, allowable bearing capacity		
6	Soil bearing capacity according to SPT and CPT Tests		
7	Midterm Exam and repeating courses		
8	Midterm Exam and repeating courses		
9	Settlements Consolidation and immediate settlement		
10	Foundations Kinds of shallow foundation, base pressure, foundation design		
11	Strip foundations, plate foundations		
12	Deep foundations Pile foundations		
13	Retaining walls, Retaining walls, sheet piles, soil nails, etc.		
14	Soil stabilization methods Stabilization of addition and mechanics		

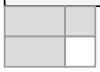
Course Learning Outcomes

No	Learning Outcomes
C01	students can explaine foundation term
C02	Student can evaluate foundation soil according to results of laboratory and in situ tests.
C03	Student can evaluate bearing capacity parameters of foundation soil.
C04	Student can evaluate parameters relating to consolidasyon and immediate settlement.
C05	Student can design foundation.
C06	Student can design retaining walls.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	10	1	10
Assignments	1	6	6
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**64**
ECTS Credit of the Course			**2**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

212	TOPOGRAPHY				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	212	TOPOGRAPHY	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
With this course, the student will be able to the profession of land surveying techniques, application of the necessary and basic accounts
Teaching Methods and Techniques:
Land measurement techniques. Levelling works. Electronic land measuring instruments. Boy Removing Section. To unplug the cross-section. Measures of plankote.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet ERTEN
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Associate Prof. Temel BAYRAK, Associate Prof. İbrahim Asri-Measurement Knowledge course notes,Associate Prof. Aycan M. MARANGOZ-Topograph
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	30	**Education**	:	
Engineering	:	20	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	General information abaout measurement knowledge		
2	Measuring and Measurement Units		
3	Scale,Map and Plan description		
4	Simple measuring tools and their usage		
5	Field accounts		
6	Coordinate systems and basic assignments		
7	Horizontal Control Points		
8	Midterm Examination		
9	Height Measures		
10	Angles and types of angles,Takeometry,Theodolite		
11	equivalent curves		
12	Volume calculations		
13	construction operations		
14	Global Positioning System (GPS)		

Course Learning Outcomes

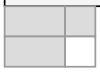
No	Learning Outcomes
C01	Students will be able to set up and adjust the measurement tools
C02	Will be able to leveling calculations
C03	Students will be able to make the profile of the land by taking advantage of the measurement results obtained
C04	Students will be able to calculate area and volume of exavation and fillings by taking measurements made in the field
C05	Will be able to make plankote measurement in the field

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	12	3	36
Hours for off-the-c.r.stud	10	2	20
Assignments	3	2	6
Presentation	0	0	0
Mid-terms	1	2	2
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	2	2
Total Work Load			**66**
ECTS Credit of the Course			**2**

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



Afyon Kocatepe University

DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

220	BUİLDİNG CONTROL APPLİCATİONS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	220	BUİLDİNG CONTROL APPLİCATİONS	4	3	4

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Yapı denetim yasası , uygulama yönetmeliği ve yapı denetim uygulamalarının öğrenilmesi.
Teaching Methods and Techniques:
Şantiyelerde yapılan yapı denetim uygulamaları ile ilgili bilgiler.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Şaban Yurtcu
Assistants:

Recommended Sources

Textbook	:	İnşaat Uygulamalarında Yanlışlar ve Doğrular FİRUZAN BAYTOP YEM YAYIN EVİ MAYIS 2006
Resources	:	Şantiyecilik Diye Bir şey! FİRUZAN BAYTOP YAPI ENDÜSTRİ MERKEZİ YAYINLARI
Documents	:	İnşaat Uygulamalarında Yanlışlar ve Doğrular FİRUZAN BAYTOP YEM YAYIN EVİ MAYIS 2006,Şantiyecilik Diye Bir şey! FİRUZAN BAYTOP YAPI ENDI
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:		**Education**	:	
Engineering	:	40	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	60

Course Content

Week	Topics	Study Materials	Materials
1	Kazı ve dolgu işleri		
2	Beton işleri		
3	Kagir İnşaat		
4	Şantiyede yapılan işlemler, hakediş düzenleme		
5	Çatı örtüleri		
6	Genleşme ve duvar derzleri		
7	Ara sınav ve ders tekrarı		
8	Ara sınav ve ders tekrarı		
9	Kalıp çeşitleri hakkında bilgi sahibi olarak uygulama bilgisine sahip olma, iskeleler		
10	Kontrollük teşkilatı ile ilgili bilgilere sahip olma		
11	Demir işleri		
12	Tenekecilik işleri		
13	Kaplamalar, sıvalar,mozaik ve şap işleri		
14	İş güvenliği		

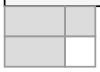
Course Learning Outcomes

No	Learning Outcomes
C01	Kazı ve Dolgu işleri tekniklerini tanır
C02	Beton işlerini tekniğine uygun öğrenir.
C03	Kagir inşaat tekniklerini tanır.
C04	Şantiyede yapılan işlemleri uygular ve hakediş raporunu tekniğine uygun düzenler
C05	Kontrollük teşkilatıyla ilgili bilgilere sahip olur
C06	Demir işleri, tenekecilik işleri, kaplamalar, sıvalar, mozaik ve şap işlerini tekniğine uygun yapar.
C07	İş güvenliği konusunda bilgi sahibi olur.

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	1	%30
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%130**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	3	42
Hours for off-the-c.r.stud	20	1	20
Assignments	1	10	10
Presentation	0	0	0
Mid-terms	1	13	13
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	13	13
Total Work Load			**98**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

210	BUİLDİNG SERVİCES SYSTEMS				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	210	BUİLDİNG SERVİCES SYSTEMS	2	2	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
To emphasize the importance of sanitary installation (clean water, sewage)
Teaching Methods and Techniques:
By giving information about clean water and sewage, the structural effects and mistakes made in the applications
Prerequisites:

Course Coordinator:

Instructors:
Asist Prof.Dr. Riyad ŞİHAB
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Ders ile ilgili sunumlar
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	20	**Education**	:	
Engineering	:	50	**Science**	:	
Engineering Design	:	20	**Health**	:	
Social Sciences	:		**Field**	:	10

Course Content

Week	Topics	Study Materials	Materials
1	Aygıt ve Donanımların Yerleştirilmesi		
2	Temiz Su Tesisatında Boru Çapı Hesabı		
3	Termoplastik Boru İşçiliği		
4	Temiz Su Tesisatı Boru Bağlantı Parçaları ve Armatürler		
5	Boru Bağlantı Parçaları (fittings):		
6	Vanalar Sayaçlar Ve Armatürler		
7	Su Deposu Kapasite Hesabı		
8	Ara Sınav		
9	Hidroforlar		
10	Bina Dışı Pis Su Tesisatı		
11	Pis Su Tesisatı Genel Tasarım Kuralları		
12	Yağmur Suyu Tesisatının Hesabı		
13	Yağmur Suyu Tesisatının Hesabı		
14	Final Sınavı		

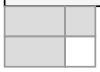
Course Learning Outcomes

No	Learning Outcomes
C01	TEMİZ SU TESİSATI ,TEMİZ SUYUN DEPOLANMASI VE BASINCLANDIRILMASI ,PİS SU TESİSATI ,YAĞMUR SUYU TESİSATI

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	10	2	20
Assignments	5	3	15
Presentation	0	0	0
Mid-terms	1	10	10
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	10	10
Total Work Load			**83**
ECTS Credit of the Course			**3**

Course Contribution To Program
Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant



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DAZKIRI VOCATIONAL SCHOOL
CONSTRUCTION INSPECTION

236	SOIL MECHANICS II				
Semester	**Course Code**	**Course Name**	**L+P**	**Credit**	**ECTS**
4	236	SOIL MECHANICS II	3	2,50	3

Language of Instruction:
Turkish
Course Level:
Associate
Work Placement(s):
No
Department / Program:
CONSTRUCTION INSPECTION
Course Type:
Zorunlu
Goals:
Aim of this course is to enable students to do necessary calculations, to present definition and features of grounds especially in terms of construction, by making them acquire knowledge in vocational and terminological aspects related to ground mechanics.
Teaching Methods and Techniques:
Basic physical features of grounds, (Specific Bulk Density, Void Ratio, Porosity, Water Content, Saturation Degree, Rolative Frequency) Classification of Grounds, Atterberg Limits, Classification Systems, Ground Water, Pore Water Pressure and Effective Tension, Premeability of Grounds, Compaction.
Prerequisites:

Course Coordinator:

Instructors:
Instructor Kemal Muhammet Erten
Assistants:

Recommended Sources

Textbook	:	
Resources	:	Prof.Dr. Osman Sivrikaya Ground Mechanics,Associate Prof. Havvanur Kılıç - Ground Mechanics,Associate prof. İnan Keskin - Ground Mekhanics,Pro
Documents	:	
Assignments	:	
Exams	:	

Course Category

Mathmatics and Basic Sciences	:	20	**Education**	:	
Engineering	:	30	**Science**	:	
Engineering Design	:		**Health**	:	
Social Sciences	:		**Field**	:	50

Course Content

Week	Topics	Study Materials	Materials
1	Formation of grounds		
2	Physical properties of grounds		
3	Classifications of grounds and consistency		
4	Permeability, water in ground		
5	stress - form changing behaviour and shear strength of grounds		
6	lateral pressure - slope stability		
7	Midterm exam and lesson repetition		
8	Midterm exam and lesson repetition		
9	Ground problems		
10	Consolidation - Compaction		
11	Ground survey		
12	Ground improvement		
13	Ground carrying power and foundations		
14	sampling from ground and ground tests		

Course Learning Outcomes

No	Learning Outcomes
C01	Classification of grounds
C02	Performing basic index experiments
C03	Designing relation between structure and ground
C04	Solving to ground problems

Assessment		
In-Term Studies	**Quantity**	**Percentage**
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		**%100**

ECTS Allocated Based on Student Workload			
Activities	**Quantity**	**Duration**	**Total Work Load**
Course Duration	14	2	28
Hours for off-the-c.r.stud	2	2	4
Assignments	0	0	0
Presentation	0	0	0
Mid-terms	1	10	10
Practice	14	1	14
Laboratory	6	1	6
Project	0	0	0
Final examination	1	10	10
Total Work Load			**72**
ECTS Credit of the Course			**2**

Course Contribution To Program

Contribution: 1: Very Slight 2:Slight 3:Moderate 4:Significant 5:Very Significant