



Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

D0000103		GERMAN I			
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	D0000103	GERMAN I	3	3	3

Mode of Delivery:

Face to Face

Language of Instruction:

German

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Elective

Objectives of the Course:

After completing this lesson students will be able to; It's aimed to have the students tell about themselves by means of the second foreign language.

Teaching Methods and Techniques:

Studies related to the beginning level of second foreign language, personal pronouns, verb forms, how to form positive and negative question sentences, imperative sentences, articles, noun forms, regular and irregular verbs, modal verbs, time expressions, demonstrative adjectives, describing oneself, question pronouns and future tense.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources****Course Category**

Mathematics and Basic Sciences :	Education :
Engineering :	Science :
Engineering Design :	Health :
Social Sciences :	Field :

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Personal pronouns, and verbs.		
2	Personal pronouns, and verbs.		
3	Personal pronouns, and verbs.		
4	Questions and imperatives.		
5	Questions and imperatives.		
6	Questions and imperatives.		
7	Negative sentences.		
8	Negative sentences.		
9	Modal verbs.		
10	Modal verbs.		
11	Modal verbs.		
12	Interrogatives.		
13	Interrogatives.		
14	Interrogatives.		

Course Learning Outcomes

No	Learning Outcomes
C01	Form sentences using subject and verb
C02	Form question and imperative sentences
C03	Form negative sentences
C04	Form sentences with modal verbs
C05	Ask and answer questions with question pronouns

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	14	3	42
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			86
ECTS Credit of the Course			3

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1005 Land Surveying I					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	HK-1005	Land Surveying I	6	5	6

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

Land surveying and cartography perform calculations.

Teaching Methods and Techniques:

Mapping, topic of cadastre, map, cadastre and land title, simple measurement tools, measuring length via steel tape measure, prismatic measurement, application of prismatic measurement, tachometer and theodolites, horizontal angle measurement, application of horizontal angle measurement, vertical angle measurement, land surveying methods, error calculations, error calculation applications.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Yılmaz ANAS

Assistants:**Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Mapping the issues, the issues of the cadastral		
2	Maps, cadastral and land relations		
3	Simple measurement tools		
4	Length measurement with steel tapes		
5	prismatic measuring		
6	Prismatic measuring application		
7	Theodolite Total Station and tools		
8	Horizontal angle measurement		
9	Horizontal angle measurement application		
10	Vertical angle measurements		
11	Pieces of land measuring methods		
12	Pieces of land measuring methods		
13	Error calculations		
14	Error analysis applications		

Course Learning Outcomes

No	Learning Outcomes
C01	To analyze the map and cadastral process
C02	Making control of measuring instruments
C03	To measure the length angle measurement
C04	angle measurement
C05	Subject to registration with and without measuring point
C06	Make a sketch drawing
C07	Measurement error calculation

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	6	84
Hours for off-the-c.r.stud	14	3	42
Assignments	14	3	42
Presentation	0	0	0
Mid-terms	1	1	1
Practice	14	2	28
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			198
ECTS Credit of the Course			7

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

D0000106 Ataturk's Principles and History of Turkish Revolution I					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	D0000106	Ataturk's Principles and History of Turkish Revolution I	2	2	2

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

In order to understand conditions and features of the establishment of Republic of Turkey: To understand the reasons that forced Turkish nation to have Independence War, in which condition and within which terms Turkish War of Independence took place, upon which basis the state was established, and finally to educate next generations who know establishment philosophy of the state and who are respectful to Turkish state and nation.

Teaching Methods and Techniques:

Aim of the course, its scope, and basic concepts. Final period of Ottoman Empire, its problems, modernization efforts and collapse. Turkish War of Independence.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Specialist Dr. Adnan GELMEZ Specialist Dr. Sadet ALTAY Specialist Dr. Ayşe ERYAMAN Specialist Dr. Sabri ZENGİN Specialist Dr. İzzet Bahri ATEŞLİ

Assistants:**Recommended or Required Reading**

Resources	
5- Selahattin Tansel, Mondros'tan Mudanya'ya Kadar, I-IV, İstanbul 1991.,9- Stanford J. Shaw & Ezel Kural Shaw, Osmanlı İmparatorluğu ve Modern Türkiye, İstanbul 2004., Sabri ZENGİN, Atatürk İlkeleri ve İnkılap Tarihi, 2. Baskı, Taşhan Kitap, Tokat 2016.	

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	The aim of the course and resources		
2	Basic concepts related to the course Revolution, reform, upheaval, rebellion, blow. The principle of Ataturk's Revolution.		
3	Internal reasons for the decline of the Ottoman Empire The problems that occurred in public administration, education, etc.		
4	External reasons for the decline of the Ottoman Empire Colonialism, industrial revolution, imperialism. The Eastern Question		
5	The basic concepts of the contemporary world Enlightenment, democracy, secularism, liberalism, socialism, nationalism		
6	Reform movements of the Ottoman Empire Lale devri (Tulip period). Selim III and Mahmut II reforms.		
7	Reform movements of the Ottoman Empire Tanzimat and Islahat in the reform era. New Ottomans. Constitutional monarchy		
8	Midterm Exam		
9	Intellectual movements in the late Ottoman period Westernism, Ottomanism, Islamism, Turkism		
10	The fall of the Ottoman Empire Trablusgarb War. Balkan War. World War I. Armenian question.		
11	The fall of the Ottoman Empire The end of World War I: The Armistice of Mondros. Invasions after the Armistice. Separatist movements		
12	Of national struggle Salvation suggestions: Protection mandate and supporters. Suggestions on regional liberation. Full independence		
13	Of national struggle Ataturk's arrival to Anatolia. Conventions as mergers of the national struggle.		
14	Of national struggle The concept of the National Pact. Anatolia, pass control. The opening of Parliament. Features of the National Pact.		
15	Of national struggle Anatolia, pass control. The opening of Parliament. Features of the Parliament		

Course Learning Outcomes

No	Learning Outcomes
C01	Models of change in the world to compare with the characteristics of Ottoman modernization and change is, led by Ataturk.
C02	Turkish nation the reasons for analysis of contemporary medeniyetten must remain back.
C03	After colonialism and the industrial revolution and the developments in international relations to explain the effects of these developments on Turkey.
C04	To explain the basic concepts that are effective in shaping the modern world.
C05	How to Know the stages and characteristics of Ottoman modernization.
C06	The imperialist ambitions of the states on the territory of Turkey, who want to divide Turkey to recognize the separatist elements.
C07	That the establishment of National Defence of Turkey national and spiritual values based on the knowledge of unity and togetherness, conscious of these values to take ownership of and commitment to these values.
C08	Defence of Turkey feelings of gratitude to the heroes of this struggle to have succeeded.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	15	2	30
Hours for off-the-c.r.stud	15	1	15
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	10	10
Total Work Load			60
ECTS Credit of the Course			2

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1051 Information And Communication Technologies					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	HK-1051	Information And Communication Technologies	2	1	3

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Elective

Objectives of the Course:

To teach effective use of computer and information technologies.

Teaching Methods and Techniques:

The aim of this course is to teach new developments at informatics and its opportunities.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor Selda DEMİR

Assistants:**Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Basic concepts		
2	Basic Computer Hardware		
3	Dos operating systems		
4	Applications using DOS		
5	Windows operating system		
6	Applications using Windows		
7	Word packet program		
8	Applications using Word		
9	Excel packet program		
10	Applications using Excel		
11	Powerpoint packet program		
12	Applications using Powerpoint		
13	Basic principles of Internet		
14	Web, e-mail and search engine use in Internet		

Course Learning Outcomes

No	Learning Outcomes
C01	Learns to opening and closing a computer
C02	Learns to work with files using DOS operating systems
C03	Learns to manage and use of computer using Windows operating system
C04	Can prepare documents using Word
C05	Can prepare worksheets using Excel
C06	Can prepare presentations using PowerPoint
C07	Can use basic Internet based information technologies such as web, e-mail.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	5	25
Presentation	0	0	0
Mid-terms	1	1	1
Practice	8	8	64
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			133
ECTS Credit of the Course			4

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

D0000129 French I					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	D0000129	French I	3	3	3

Mode of Delivery:

Face to Face

Language of Instruction:

French

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Elective

Objectives of the Course:

The aim of this course is to read, to understand, to speak, to write on French language. Also, be able to analyse vocational technical subjects

Teaching Methods and Techniques:

1. READING, SPEAKING, WRITING, LISTENING 2. GRAMMER, VOCABULARY KNOWLEDGE 3. LEARNING FRENCH CULTURE 4. SUPPORTING THE ENGLISH EDUCATION WITH A SECOND LANGUAGE, AND GIVING A COMPLETE COMMUNICATION SKILL.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources****Course Category**

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Alphabet et phonétique - les articles		
2	Les adjectifs: être, avoir - le corps		
3	Les démonstratifs - le jour, le mois, l'année		
4	Les verbes en IR - les saisons		
5	Les mesures, l'âge		
6	Les trois groupes de indicatif - La famille Vincent		
7	Le passé composé de indicatif - La Mme Vincent		
8	Le passé composé avec être - le salon, la cuisine		
9	Le futur de l'indicatif, le futur proche recuit		
10	Le futur de l'indicatif, le futur proche recuit		
11	Le passé composé d'un verbe pronominal		
12	Le pluriel des noms		
13	Le comparatif et l'imperatif		
14	Le superlatif - L'amie à Paris		

Course Learning Outcomes

No	Learning Outcomes
C01	Students will be able to make oral presentations in French.
C02	Students will be able to state their ideas in French
C03	Students will be able to use newly-acquired French vocabulary.
C04	Students will be able to a French text on a topic.
C05	Students will be able to ask questions in French.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	14	3	42
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			86
ECTS Credit of the Course			3

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

D0000140 English I					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	D0000140	English I	3	3	3

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Elective

Objectives of the Course:

The objective of this course is to be able to bring the students to the A2 Level in terms of CEF.

Teaching Methods and Techniques:

Compulsory Foreign Language Courses (English)

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor H.Tüzün Paçcı

Assistants:**Recommended or Required Reading**

Resources	New Headway Elementary (4th Edition), English Grammar in Use by Raymond Murphy, Essential Grammar in Use by Raymond Murphy (CUP) New Headway Elementary(Fifth Edition) (Oxford University Press) + Student's Book + Workbook + iTools (Digital Teaching Res
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Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	verb to be, subject pronouns, possessive adjectives, possessive 's		
2	personal information, introducing yourself, the family words		
3	greetings in everyday situations, expressions for short conversations in everyday situations		
4	The Simple Present Tense		
5	Adverbs of frequency - Object Pronouns		
6	Noun Plurals, Telling the time		
7	have got / has got		
8	Linking words (and, so, but, because)		
9	There is / are - prepositions (in, on, under, next to)		
10	Adjectives of quantity (some, any, alot of, lots of, many, much)		
11	Demonstrative Adjectives + Pronouns Adjectives for good & bad, adverb+ adjective		
12	NumberS & Prices		
13	Can / Can't		
14	was/were/could , The Simple Past Tense		

Course Learning Outcomes

No	Learning Outcomes
C01	To understand and use basic grammatical structures in English
C02	Recognizing and using social expressions.
C03	Understanding that you hear in the target language.
C04	Ask questions and answer related to fundamental issues.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	14	1	14
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

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1063 Quality Assurance And Standards					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	HK-1063	Quality Assurance And Standards	2	2	3

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Elective

Objectives of the Course:

In this course, aims to teach to competence the implementation of quality management systems

Teaching Methods and Techniques:

Definition and History of Quality , Total Quality Management, ISO Standards

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor Selda DEMİR

Assistants:**Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Quality Concept		
2	The Concept of Quality and Standardization-Standard		
3	Standard and Standardization		
4	The Importance of Manufacturing and Service Sector Standard		
5	Management Quality and Standards		
6	Management Quality and Standards		
7	Environmental Standards		
8	Quality Management System Models		
9	Quality Management System Models		
10	Strategic Management		
11	Participate to Management		
12	Process Management System		
13	Resource Management System		
14	EFQM Excellence Model		

Course Learning Outcomes

No	Learning Outcomes
C01	An understanding of the quality management system
C02	Quality standards Applications
C03	Implement the methods of statistical quality control

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	0	0	0
Assignments	14	3	42
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			86
ECTS Credit of the Course			3

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1053 Cartography					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	HK-1053	Cartography	2	2	3

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Elective

Objectives of the Course:

To give basic information required for cartographic map production.

Teaching Methods and Techniques:

Basic Terms and Definitions; History of Cartography; Definitions of Mathematical Cartography; Orthodrome and Loxodrome; Theory of Map Projections; Polyhedral and Pseudo Map Projections; National Standard Topographic Map Projections

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor Tuğrul urfali

Assistants:**Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

Mathematics and Basic Sciences : 60
Engineering : 20
Engineering Design :
Social Sciences :

Education :
Science :
Health :
Field : 20

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Definition of Map and Cartography, History of Cartography		
2	The Mathematical Framework of the Map, The Concept of Scale		
3	Shape and Dimensions of the Earth, Plane Coordinate systems		
4	Length, angle, area conservation concepts		
5	Plane Projections		
6	Cylindrical Projections		
7	Gauss-Kruger and UTM Projections		

Course Learning Outcomes**No Learning Outcomes**

C01 It's about where cartography lives and what a map is.
C02 Understands the basic logic of map projections.
C03 Understands the basic principles of cartographic design.

Program Learning Outcomes**No Learning Outcome**

P01 Uses basic and professional computer programs and hardware related to his profession.
P02 It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03 Defines, analyzes and solves the problems encountered in field studies.
P04 Uses GPS.
P05 Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	13	3	39
Assignments	5	5	25
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			108
ECTS Credit of the Course			4

Contribution of Learning Outcomes to Programme Outcomes

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	P01	P02	P03	P04
All	3			
C01		5		
C02			4	
C03	2			3



Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1003 Vocational Trigonometry					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	HK-1003	Vocational Trigonometry	3	3	4

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

solutions is to make professional geometric shapes

Teaching Methods and Techniques:

Length measurement units and conversions, angle units and conversions, units of surface area, narrow trigonometric functions of angles, the angle function transformations, small-angle relation, three-edged shapes, basic relations in triangles, triangle solutions, quadrilateral, trapezoid solutions, circle solutions, the concept of global triangular, Spherical triangle solutions.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor Derya Dilara DURSUN

Assistants:**Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Teaching how to use a calculator and examples.		
2	Length measurement units and conversions.		
3	Angle measurement units and conversions		
4	Area measurement units and conversions		
5	Trigonometric functions of an acute angle and angle conversion function.		
6	The calculation of trigonometric and inverse trigonometric functions.		
7	Triangular relations		
8	Triangle solutions		
9	Polygon shapes and solutions		
10	Professional calculations in the three-sided and polygon shapes		
11	Circle solutions		
12	spherical trigonometry		
13	Spherical trigonometry theorems		
14	Spherical trigonometry solutions		

Course Learning Outcomes

No	Learning Outcomes
C01	Plane and spherical trigonometry to understand the content.
C02	Length conversion unit and apply the surveying profession.
C03	Angle measurement units and conversions to apply surveying profession.
C04	Field units of measure and apply the transformation surveying profession.
C05	Recognize trigonometric functions.
C06	To calculate the values of the trigonometric and inverse trigonometric function
C07	to apply relationship between the trigonometric functions and trigonometric identities.
C08	making professional practice for three-sided and multi-sided shapes
C09	Know theorems and equations of spherical triangles
C10	Spherical triangles solutions are applied to the surveying profession.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	14	3	42
Assignments	12	5	60
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			146
ECTS Credit of the Course			5

Contribution of Learning Outcomes to Programme Outcomes
bbb



Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria			ECTS Allocated Based on Student Workload			
In-Term Studies	Quantity	Percentage	Activities	Quantity	Duration	Total Work Load
Mid-terms	0	%0	Course Duration	0	0	0
Quizzes	0	%0	Hours for off-the-c.r.stud	0	0	0
Assignment	0	%0	Assignments	0	0	0
Attendance	0	%0	Presentation	0	0	0
Practice	0	%0	Mid-terms	0	0	0
Project	0	%0	Practice	0	0	0
Final examination	0	%0	Laboratory	0	0	0
Total		%0	Project	0	0	0
			Final examination	0	0	0
			Total Work Load			0
			ECTS Credit of the Course			0

Contribution of Learning Outcomes to Programme Outcomes



Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria			ECTS Allocated Based on Student Workload			
In-Term Studies	Quantity	Percentage	Activities	Quantity	Duration	Total Work Load
Mid-terms	0	%0	Course Duration	0	0	0
Quizzes	0	%0	Hours for off-the-c.r.stud	0	0	0
Assignment	0	%0	Assignments	0	0	0
Attendance	0	%0	Presentation	0	0	0
Practice	0	%0	Mid-terms	0	0	0
Project	0	%0	Practice	0	0	0
Final examination	0	%0	Laboratory	0	0	0
Total		%0	Project	0	0	0
			Final examination	0	0	0
			Total Work Load			0
			ECTS Credit of the Course			0

Contribution of Learning Outcomes to Programme Outcomes





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1007 Real Estate Law					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	HK-1007	Real Estate Law	3	3	4

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

to make applications with regard professional law

Teaching Methods and Techniques:

Property law, real estate, legal heirs, inheritance distribution, the Land Registry information system, the Land Registry sicilindeki transactions, condominium transactions, easement transactions, before the expropriation operations, technical operations Nationalization, expropriation of technical file preparation, sample projects expropriation.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor Derya Dilara DURSUN

Assistants:**Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

Mathematics and Basic Sciences :
Engineering :
Engineering Design :
Social Sciences : 30

Education :
Science :
Health :
Field : 70

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Property law		
2	Immovable property		
3	Legal heirs		
4	Distribution of inheritance		
5	Distribution of inheritance		
6	Distribution of inheritance		
7	Operations in the land register		
8	Operations in the land register		
9	Servitude operations		
10	Condominium transactions		
11	Condominium transactions		
12	Before the expropriation procedures		
13	Expropriation of technical operations		
14	Expropriation technical file preparation		

Course Learning Outcomes

No	Learning Outcomes
C01	Making process related to property law
C02	Make the legal process Heritage
C03	Making the expropriation legislation process
C04	Do the deed and land registry

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	14	3	42
Assignments	7	3	21
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			107
ECTS Credit of the Course			4

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1061 Elementary Law					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	HK-1061	Elementary Law	2	2	3

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Elective

Objectives of the Course:

To understand the relation of the basic law legislation with cartography

Teaching Methods and Techniques:

The basic concepts of law, law system, the right definition and types, natural persons, legal persons, family law, law of obligations, government officials, human rights protection

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor Selda DEMİR

Assistants:**Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

Mathematics and Basic Sciences :		Education :	
Engineering : 30		Science :	
Engineering Design :		Health :	
Social Sciences : 70		Field :	

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	The basic concepts of law		
2	The basic concepts of law		
3	The system of law		
4	The system of law		
5	Definition of Basic and types		
6	Definition of Basic and types		
7	Real people		
8	Real people		
9	legal entity		
10	Family law		
11	Family law		
12	Debts law		
13	Public officials		
14	The protection of human rights		

Course Learning Outcomes**No Learning Outcomes**

C01	To analyze the principles that the law
C02	To analyze the concept of what constitutes civil law
C03	Legislation to implement other basic surveying

Program Learning Outcomes**No Learning Outcome**

P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	12	3	36
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			80
ECTS Credit of the Course			3

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

D0000194 Turkish Language I					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
1	D0000194	Turkish Language I	2	2	2

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

To make students become familiar with the correct, beautiful and efficient use of the Turkish language to make them base the written and spoken intercourse of the language on strong principals to make them gain their skills in correspondence, presentations and explanations successfully in their business life to make them become intellectual individuals who read, think, inquire and bring solutions.

Teaching Methods and Techniques:

To improve students' love and understanding of mother tongue who are studying in various departments in accordance with the constantly progressing conditions of the age; to emphasize the connection between language and thought; to enlighten individuals who are scientifically productive, creative, able to use their mother tongue accurately and equipped with contemporary knowledge, in language and literature history.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Asist Prof.Dr. YAVUZ GÜNEŞ

Assistants:**Recommended or Required Reading****Resources****Course Category**

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	marks of punctuation. (point, comma, semicolon, double point, interjection)		
2	marks of punctuation. (inverted commas, paranthesis)		
3	The rules of orthography. (Writing of capitals and numbers and compounds)		
4	The rules of orthography. (writing of idioms, dieresis, quotation words and foreign proper nouns)		
5	The rules of orthography. (The writing of abbreviation and some additions.)		
6	composition. (definition, aim, being succesful in composition)		
7	The methods of composition. (The constitution of assistant reflection and main reflection.)		
8	The methods of composition. (The constitution of paragraph, the methods of progress of reflection in paragraph)		
9	The properties of expression		
10	Failure to expression property.		
11	The forms of expression. (collecting homeworks)		
12	varieties of expression. (oral expression)		
13	varieties of expression. (written expression- letter, petition)		
14	varieties of expression.(written expression- story, fiction, theatre, verse)		

Course Learning Outcomes

No	Learning Outcomes
C01	1. "Language" general knowledge about. This is the main title opinion on the phenomenon of language and languages??, language of the reasons for the emergence of the agreement, the issue of
C02	2. Understands the rules of writing on a topic, write activity by assimilating the basic information for it to become successful in making
C03	3. Language is accurate and effective to use it in the infrastructure all the richness comprehend, a rich culture and imagination with creative requirements of being to read texts comprehend, beaut
C04	4. Communication with public and private institutions provide accurate and effective, short equity requests, but being able to fully express, petition writing, report preparation, the rules of the unde
C05	5. Our language is Turkish comprehend its place among the world 's languages??, proud, rich and beautiful who are able to use the language.
C06	6. Will read a variety of literary genres with text information, experience, life experience and perspective on life changing moments approaching the tolerance of different opinions.
C07	7. Academic listening to a conversation, to ask questions, learn to make the necessary explanations, we found that intra-community behavior is how it should be.
C08	8. To obtain resources, reading, listening, seeing, hiking, develop their talents by making methods, intellectuals, people learn to be problem solvers.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	2	3	6
Presentation	2	5	10
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			60
ECTS Credit of the Course			2

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

D0000104		GERMAN II				
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits	
2	D0000104	GERMAN II	3	3	3	

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Elective

Objectives of the Course:

After taking this course students can;It's aimed to have the students tell about themselves by means of the second foreign language.

Teaching Methods and Techniques:

Conjunctions,tenses,passive clauses ,relative clauses and relative pronouns

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources****Course Category**

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Conjunctions		
2	Conjunctions		
3	Conjunctions		
4	Times		
5	Times		
6	Times		
7	Times		
8	Passive sentences can convert different time set up.		
9	Passive sentences can convert different time set up.		
10	Passive sentences can convert different time set up.		
11	Relative sentences		
12	Relative sentences		
13	Translation		
14	Translation		

Course Learning Outcomes

No	Learning Outcomes
C01	Form sentences with conjunctions
C02	Different times can translate a sentence in the present.
C03	Form passive sentences and turn into other tenses
C04	Form relative sentences
C05	Make translation

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	14	3	42
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			86
ECTS Credit of the Course			3

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1008 Land Surveying II					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
2	HK-1008	Land Surveying II	6	5	6

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

Land surveying and mapping operations perform calculations

Teaching Methods and Techniques:

General structure of levels, height systems, geometric level, geometric level measurement and calculation, general structures of electronic devices, measurements with electronic devices, polygon concept, selection, facility and reporting of polygon points, measuring polygons, open polygon routes, combined polygon routes, closed polygon routes, error calculations in polygon routes

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	The general structure of Nivo		
2	Height systems, geometric leveling		
3	Geometric leveling measurements and calculations		
4	Trigonometric height dimension		
5	Tachometric height measurement and calculation		
6	Cross-section measurements and calculations		
7	The general structure of the electronic device		
8	Measurement with electronic devices		
9	Polygon definition		
10	Polygon points and facility location ion		
11	Making polygon sizes, polygon		
12	Based polygons		
13	Closed polygons		
14	Error calculations for polygon Routes		

Course Learning Outcomes

No	Learning Outcomes
C01	Making control of measuring instruments
C02	The difference in height measurement
C03	Measurement with electronic instruments
C04	The application of land-sectional axis
C05	measures to Height
C06	Measurement with electronic instruments
C07	Polygon point location information to calculate
C08	Examination of the polygon Routes

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	6	84
Hours for off-the-c.r.stud	14	4	56
Assignments	10	6	60
Presentation	0	0	0
Mid-terms	1	1	1
Practice	14	2	28
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			230
ECTS Credit of the Course			8

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

D0000107 Ataturk's Principles and History of Turkish Revolution II					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
2	D0000107	Ataturk's Principles and History of Turkish Revolution II	2	2	2

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

To understand Ataturk's reforms and how basic principles of the republic came into existence in Republic of Turkey establishment period. To help Turkish youth in the way of being unified individuals as a nation and becoming effective in the contemporary world.

Teaching Methods and Techniques:

The last periods of the War of Independence. Treaties that causes the establishment of Republic of Turkey. Ataturk's principles which determine the features of Republic of Turkey and the revolutions which strengthen these principles

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Specialist Dr. İzzet Bahri ATEŞLİ Specialist Dr. Ayşe ERYAMAN Specialist Dr. Sadet ALTAY Specialist Dr. Sabri ZENGİN Specialist Dr. Adnan GELMEZ

Assistants:**Recommended or Required Reading**

Resources 5- Komisyon, Türkiye Cumhuriyeti Tarihi I-II, AAM, yay., Ankara 2002., 8- Bernard Lewis, Modern Türkiye'nin Doğuşu, Ankara 1996., 6- Ahmet Mumcu, Sabri ZENGİN, Atatürk İlkeleri ve İnkılap Tarihi, 2. Baskı, Taşhan Kitap, Tokat 2016.

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Of national struggle	Rebellions against the Parliament, The Treaty of Sevres	
2	Of national struggle	National War Fronts: The west facade, The South facade, The east facade.	
3	Of national struggle	Treaties which halted fighting: The Armistice of Mudanya, The Treaty of Lausanne.	
4	Establishment of the Republic of Turkey	Abolition of the sultanate, declaration of the republic, abolition of the caliph	
5	The democratization of the republic	People's Party, Progressive Republican Party, Free Republican Party, Democratic Pa	
6	Secularizing of the republic	Secularizing of the state management. Secularizing of the constitution. Secularizing of the edu	
7	The principle of nationalism	National government, The national history (Turkish Historical Society), National language (Tur	
8	Midterm Exam		
9	The principle of statism	Economics Congress of Turkey, national economy, promotion of private enterprise and develop	
10	Reactions to the Reforms	The rebellion of Seyh Sait, assassination attempt on Ataturk in Izmir, The Menemen event.	
11	The constitutions of Turkish History	1876, 1909, 1921, 1924, 1960, 1982 Constitutions and their features.	
12	Revolutions in the field of education	Tevhid-i Tedrisat Kanunu (The Law of Teaching Unification), Alphabet revolution, F	
13	Social Reforms	The hat and attire revolution, The abolition of dervish lodges, angles, tombs and religious orders, surnam	
14	Turkish foreign policy	Turkey's strategic importance, Liberation War era foreign policy, Turkish foreign policy of the Atatür	
15	Turkish foreign policy	Turkish foreign policy after Atatürk.	

Course Learning Outcomes

No	Learning Outcomes
C01	Determines that the establishment of agreements with Turkey and to analyze international law.
C02	That the reforms of Ataturk founded modern Turkey in order to bring the level of contemporary civilizations, the basic principles (Principles) to explain.
C03	Youth in Turkey's national, democratic, secular, social and individual values depending on the organization to be based on the principles of modern law.
C04	Youth who follow developments in the world, state and nation in the contemporary world that individuals can apply to be effective, needs to be done.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	15	2	30
Hours for off-the-c.r.stud	15	1	15
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	10	10
Total Work Load			60
ECTS Credit of the Course			2

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

D0000130 French II					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
2	D0000130	French II	3	3	3

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Elective

Objectives of the Course:

The aim of this course is to read, to understand, to speak, to write on French language. Also, be able to analyse vocational technical subjects

Teaching Methods and Techniques:

1. READING, SPEAKING, WRITING, LISTENING 2. GRAMMER, VOCABULARY KNOWLEDGE 3. LEARNING FRENCH CULTURE 4. SUPPORTING THE ENGLISH EDUCATION WITH A SECOND LANGUAGE, AND GIVING A COMPLETE COMMUNICATION SKILL.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources****Course Category**

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

Course Learning Outcomes**No Learning Outcomes**

C01 Ability of expressing himself/herself in French.

Program Learning Outcomes**No Learning Outcome**

P01 Uses basic and professional computer programs and hardware related to his profession.
P02 It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03 Defines, analyzes and solves the problems encountered in field studies.
P04 Uses GPS.
P05 Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	14	3	42
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			86
ECTS Credit of the Course			3

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1002 Drawing of Maps I					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
2	HK-1002	Drawing of Maps I	3	2	3

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

Develop the ability to manually map drawing. Read the information on the map.

Teaching Methods and Techniques:

Mapping tools, special marks in mapping, map bases, plotting parcels, inking, plotting detail points, plotting contour lines, scale change in map and plan, duplicating maps.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Map construction and related definitions.		
2	Drawing tools and presentation		
3	The concept of scale and narrative examples.		
4	Map drawing special actors		
5	Map pads, to make die plate		
6	Drawing of the plots at different scales		
7	Drawing of the plots at different scales		
8	Drawing of the plots at different scales		
9	Drawing of the plots at different scales		
10	Drawing of contour lines		
11	Drawing of contour lines		
12	Drawing of contour lines		
13	Reading a map		
14	Scale changes in the maps and plans, the reproduction of the map		

Course Learning Outcomes

No	Learning Outcomes
C01	Learn map production stages.
C02	knows drawing tools and the equipment
C03	Recognize the base map used in map drawing
C04	Know the scale concepts and draw maps of different scales.
C05	Recognize the appropriate map signs with regard regulations and apply its.
C06	es curved contour map.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	14	2	28
Assignments	7	3	21
Presentation	0	0	0
Mid-terms	1	1	1
Practice	14	2	28
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			121
ECTS Credit of the Course			4

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

D0000141		English II			
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
2	D0000141	English II	3	3	3

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Elective

Objectives of the Course:

This course aims to provide the students understand and use familiar everyday expressions and very basic phrases aimed at the satisfaction of needs of a concrete type; introduce him and others and ask and answer questions about personal details such as where he lives, people he knows and things he has. interact in a simple way provided the other person talks slowly.

Teaching Methods and Techniques:

This course includes grammar, spelling and pronunciation, vocabulary, listening and speaking skills.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor Burçak TÜRK

Assistants:**Recommended or Required Reading**

Resources English For Life Beginner Level,UZEM (disatance training) Class Notes,UZEM (distance training) Course Videos
English For life Course Book
Ders kitabı, Uzaktan Eğitim Ders Videoları, Uzaktan Eğitim Ders Nottarı

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Introductions and numbers, Indefinite articles, this, that, teaching classroom vocabulary		
2	Teaching the alphabet and spelling, Family members.		
3	Possessive adjectivesAsking names Saying hello and goodbye.		
4	Numbers, countries, to be statements, saying sorry.		
5	Numbers, to be :questions, telling the time, spelling word.		
6	Telling the time, things people carry, prepositions, singular and plural names.		
7	Free time activities, offering drink, food and plural endings.		
8	Present simple: questions life styles Present simple: statements.		
9	Midterm		
10	Free time activities.		
11	Days and times life styles.		
12	Simple present tense questions.		
13	Present simple: why-questions, lifestyles.		
14	Teaching Daily activities, adverbial place days and times.		
15	Present simple :the third singularEveryday expressions, negative statements.		

Course Learning Outcomes

No	Learning Outcomes
C01	Students will be able to use simple daily life expressions.
C02	to express their problems with simple terms.
C03	to express their problems with simple terms.
C04	to act out the dialogues related to greetings and saying goodbye in the target language.
C05	to use the social expressions in the target language.
C06	to use the statements and expressions related to asking and telling the time, asking for a ticket, asking for the prices in target language.
C07	to spell the words, tell his/her e-mail address or phone number, open and end the conversations on the phone in target language.
C08	to ask for and tell the directions in target language.
C09	to understand and tell the months, years, birthdays, and ordinal numbers in target language.
C10	to understand and use the expressions that show interest while having a dialogue in target language.
C11	to use appropriately the expressions related to making offers and accepting/refusing offers in target language.
C12	to ask someone's problems and respond accordingly in target language.
C13	to recognize the signs that are universal in target language.
C14	to understand and use the expressions related to thanking, wishing good luck, and expressing worry in target language.
C15	to understand and tell the everyday problems in target language.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	0	0	0
Presentation	0	0	0
Mid-terms	1	30	30
Practice	0	0	0
Laboratory	0	0	0
Project	0	0	0
Final examination	1	30	30
Total Work Load			102
ECTS Credit of the Course			3

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1014 Career Planning					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
2	HK-1014	Career Planning	1	1	2

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

The aim of this course is to have students acquire concepts of career counseling and use them in application.

Teaching Methods and Techniques:

Career concept, career planning and stages, individual career development, career choices, preparation of curriculum vitae and types, examples, job interview, preparation of interview, career counseling

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources**

Kulaksızoğlu, A. (2005). Ergenlik Psikolojisi. İstanbul Remzi.,Kuzgun, Y. (2003). Meslek Danışmanlığı Kuramlar Uygulamalar. Ankara: Nobel.,Kuzgun, Y. (2003). Meslek Rehberliği ve Danışmanlığına Giriş. Ankara: Nobel
Erdoğan, N. (2003). Kariyer Geliştirme. Ankara, Nobel,
Kulaksızoğlu, A. (2005). Ergenlik Psikolojisi. İstanbul Remzi.
Kuzgun, Y. (2003). Meslek Danışmanlığı Kuramlar Uygulamalar. Ankara: Nobel.

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Career concept		
2	The relation between career counseling and professional counseling		
3	Career planning		
4	Individual career development		
5	Preparation of CV		
6	Job interview		
7	Job interview		
8	Career Counseling Process		
9	Career Counseling Process		
10	Career Counseling Process		
11	Evaluating Turkish Educational System in terms of career counseling		
12	Applicability of career counseling at schools		
13	Applicability of career counseling at schools		
14	Applicability of career counseling at schools		

Course Learning Outcomes

No	Learning Outcomes
C01	Students shall restate principles techniques of career counseling.
C02	Students shall use approaches and techniques of career counseling and debates identification of individual characteristics in career decision-making.
C03	Students shall explain career development.
C04	Students shall plan according to education grades career development process and serves
C05	Students shall help individuals for career planning

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	1	14
Hours for off-the-c.r.stud	14	3	42
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	10	10
Total Work Load			67
ECTS Credit of the Course			2

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-1006 Vocational Computations					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
2	HK-1006	Vocational Computations	4	4	5

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

Career Problems to teach plane geometry and plane basics of trigonometry used in the solution and implement electronic pocket calculator correctly, to gain the ability to use, quickly and effectively teach vocational basic calculations and apply to teach Area account, to teach practices concerning the coordinate system, make the parcel division .

Teaching Methods and Techniques:

Map coordinate system, the basic tasks, the basic task applications, trigonometric height calculations, Tachometric height measurement and calculation, points of detail account, Floor area calculations.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	calculator use		
2	plane trigonometry		
3	units of measure		
4	surface area calculation		
5	account with polar surface area measurement		
6	account with prismatic surface area measurement		
7	sample questions		
8	parcel partitioning		
9	Measure the parcel compartment account		
10	border account		
11	border account		
12	sample file		
13	sample file		
14	coordinate information with the parcel compartment account		

Course Learning Outcomes

No	Learning Outcomes
C01	To make applications related to the coordinate system
C02	Applying professional basic tasks
C03	Area to apply the methods of the profession

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	4	56
Hours for off-the-c.r.stud	14	2	28
Assignments	10	4	40
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			126
ECTS Credit of the Course			4

Contribution of Learning Outcomes to Programme Outcomes
bbb



Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria			ECTS Allocated Based on Student Workload			
In-Term Studies	Quantity	Percentage	Activities	Quantity	Duration	Total Work Load
Mid-terms	0	%0	Course Duration	0	0	0
Quizzes	0	%0	Hours for off-the-c.r.stud	0	0	0
Assignment	0	%0	Assignments	0	0	0
Attendance	0	%0	Presentation	0	0	0
Practice	0	%0	Mid-terms	0	0	0
Project	0	%0	Practice	0	0	0
Final examination	0	%0	Laboratory	0	0	0
Total		%0	Project	0	0	0
			Final examination	0	0	0
			Total Work Load			0
			ECTS Credit of the Course			0

Contribution of Learning Outcomes to Programme Outcomes



Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

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

Contribution of Learning Outcomes to Programme Outcomes





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

D0000195 Turkish Language II					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
2	D0000195	Turkish Language II	2	2	2

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

To make students become familiar with the correct, beautiful and efficient use of the Turkish language to make them base the written and spoken intercourse of the language on strong principals to make them gain their skills in correspondence, presentations and explanations successfully in their business life to make them become intellectual individuals who read, think, inquire and bring solutions.

Teaching Methods and Techniques:

According to their subjects, reading, listening, writing, presentation, discussion, sampling, question and answer techniques will be used.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources****Course Category**

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

Weekly Detailed Course Contents

Week Topics	Study Materials	Materials
1 marks of punctuation. (point, comma, semicolon, double point, interjection)		
2 marks of punctuation. (inverted commas, paranthesis)		
3 The rules of orthography. (Writing of capitals and numbers and compounds)		
4 The rules of orthography. (writing of idioms, dieresis, quotation words and foreign proper nouns)		
5 The rules of orthography. (The writing of abbreviation and some additions.)		
6 composition. (definition, aim, being succesful in composition)		
7 The methods of composition. (The constitutetion of assistant reflection and main reflection.)		
8 The methods of composition. (The constitutetion of paragraph, the methods of progress of reflection in paragraph)		
9 The properties of expression		
10 Failure to expression properly.		
11 The forms of expression. (collecting homeworks)		
12 varieties of expression. (oral expression)		
13 varieties of expression. (written expression- letter, petition)		
14 varieties of expression.(written expression- story, fiction, theatre, verse)		

Course Learning Outcomes

No	Learning Outcomes
C01	Understands the rules of writing on a topic, improves writing skills.
C02	Oral presentation and communication skills are gained.
C03	Written and oral expression and to communicate accurate and effective use of language is to understand, short equity requests, but being able to fully express, petition writing, report preparation t
C04	Understand that our language is Turkish its place among the world' s languages??.
C05	Using the word in sentences comprehend the wrongs done in establishing the rules of spelling, punctuation, gains the ability to use correct and appropriate.
C06	Apart from textbooks, information texts to be read from a variety of genres, manners, life changing experience and perspective on life, the habit of seeing nice gains different opinions.
C07	Academic listening to a conversation, to ask questions, learn to make the necessary explanations, so how it should be understood that behavior within society and apply.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-2009 Algorithms And Programming					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
3	HK-2009	Algorithms And Programming	3	2	4

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

The main objectives of this course are to teach the concepts and components of algorithms, design process of the algorithm for a given problem, and implement the algorithm using a modular programming language.

Teaching Methods and Techniques:

Problem solving using computers. The concept and notation of algorithms. Problem analysis and algorithm design. Development of algorithms and their implementation in a procedure-oriented language. Topics include; Integrated programming environment (editing, computing, debugging), data types, operators, input/output, structured programming, program control, subprograms, passing parameters. Arrays and array processing.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Asist Prof.Dr. Lütfullah DAĞKURS

Assistants:**Recommended or Required Reading**

Resources	C ve C++, Sistem Yayıncılık, 2010, (C : How to program, Deitel&Deitel, Prentice Hall, 6th Edition, 2010),C Dersi Programlamaya Giriş, C. Fügen Selbes C ve C++, Sistem Yayıncılık, 2010, (C : How to program, Deitel&Deitel, Prentice Hall, 6th Edition, 2010) C Dersi Programlamaya Giriş, C. Fügen Selbes, Çiğdem Turhan, Gül Tokdemir, Nergiz Ercil Çağiltay, Seçkin Yayıncılık C Çözümlü Problem Kitabı, Nergiz Ercil Çağiltay, Gül Tokdemir, C. Fügen Selbes, Çiğdem Turhan
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Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Introduction to fundamental concepts, algorithm		
2	Algorithm Development		
3	Developing algorithms using Scratch		
4	Introduction to IDE, The basic of programming, Introduction to programming in C		
5	Structured programming: if selection while loop statements		
6	C program Control: for statement, do-while statements, switch-case multiple selection		
7	Midterm Exam		
8	Review of the topics, Functions in C and Structured Programming		
9	Structured Programming (cont.)		
10	Structured Programming (cont.): subprograms, passing parameters.		
11	Arrays		
12	Arrays (cont.)		
13	Structures and File Operations		
14	Structures and File Operations		

Course Learning Outcomes

No	Learning Outcomes
C01	Describe the basic concepts of algorithms and programming
C02	Compose an algorithmic solution of a given problem
C03	Translate an algorithmic solution to a computer code (program)
C04	Apply structural and functional rules to programming process
C05	Use developed programs for solutions in mathematical and other fields

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%40
Quizzes	0	%0
Assignment	0	%0
Attendance	9	%70
Practice	0	%0
Project	0	%0
Final examination	1	%60
Total		%170

ECTS Allocated Based on Student Workload			
Activities	Quantity	Duration	Total Work Load
Course Duration	14	3	42
Hours for off-the-c.r.stud	14	3	42
Assignments	14	1	14
Presentation	0	0	0
Mid-terms	1	1	1
Practice	14	1	14
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			114
ECTS Credit of the Course			4

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-2041 Photogrammetry					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
3	HK-2041	Photogrammetry	3	3	4

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

Surveying profession in remote sensing and photogrammetric method to produce maps

Teaching Methods and Techniques:

Photogrammetry and remote sensing, flying plans, photography knowledge, numeric image analysis, model binding, calculation processes, digitising, digital elevation models, forming map section, ortho-photo, ortho-photo processes.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor Derya Dilara DURSUN

Assistants:**Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Photogrammetry and remote sensing		
2	Photogrammetry and remote sensing		
3	flight plan		
4	photo information		
5	digital image analysis		
6	model and column assembly		
7	calculation operations		
8	digitising		
9	digital terrain elevation model		
10	sheet compose		
11	orthophoto		
12	orthophoto map		
13	remote sensing		
14	digital terrain elevation model		

Course Learning Outcomes

No	Learning Outcomes
C01	creating three-dimensional model
C02	image processing
C03	make a map with a photogrammetric method
C04	make the orthophoto map method

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	14	4	56
Assignments	10	2	20
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			120
ECTS Credit of the Course			4

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-2045 Drawing Of Maps II					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
3	HK-2045	Drawing Of Maps II	3	2	4

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

To make maps drawings using CAD software

Teaching Methods and Techniques:

Occupational software, digitising processes, plotting in standard format, mapping via CAD use, Calculations, development plan applications in CAD software, infrastructure project applications in CAD software, longitudinal cross-section plotting, and latitudinal cross-section plotting.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

SELDA DEMİR

Assistants:**Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Professional software		
2	Professional software		
3	Digitization process		
4	drawing operations with standard format		
5	To make map drawings using CAD		
6	To make map drawings using CAD		
7	To make map drawings using CAD		
8	calculations		
9	Development applications in CAD software		
10	Development applications in CAD software		
11	applications of infrastructure projects in CAD software		
12	applications of infrastructure projects in CAD software		
13	Make a longitudinal section drawing		
14	Make a cross-sectional drawing		

Course Learning Outcomes

No	Learning Outcomes
C01	To be able to map production by professional softwares
C02	To be able to using CAD software menus
C03	To be able to professional project applications by CAD softwares

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	7	4	28
Assignments	7	4	28
Presentation	6	1	6
Mid-terms	1	1	1
Practice	4	3	12
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			118
ECTS Credit of the Course			4

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-2013 Planning Information					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
3	HK-2013	Planning Information	3	3	4

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

The aim of this course is to give the student all the details of the zoning legislation. In addition, it is to give basic knowledge about urban land arrangement concepts, methods and application processes and to gain application skills.

Teaching Methods and Techniques:

Basic concepts and introduction to urban soil regulation, Types of country plans, environmental plan and zoning plans, Land and land arrangement (zoning application stages), At the same time, the Zoning Law No. 3194 is being processed.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:**

Instructor Derya Dilara DURSUN

Assistants:**Recommended or Required Reading****Resources**

Map and Cadastre Engineer Hüseyin KOÇAK, Kadastronun Tesisi ve Yaşatılması
Associate Professor Hülya DEMİR, Kentsel Toprak Düzenlemesi Lecture Notes

Course Category

Mathematics and Basic Sciences : 20	Education :
Engineering : 20	Science :
Engineering Design : 20	Health :
Social Sciences :	Field : 40

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Uyum haftası		
2	Temel kavramlar ve kentsel toprak düzenlemesine giriş		
3	Ulke planları, çevre düzeni planı ve imar planları çeşitleri		
4	Arazi ve arsa düzenlemesi (imar uygulaması aşamaları)		
5	Arazi ve arsa düzenlemesi (imar uygulaması aşamaları)		
6	Imar planlama, imar planlamanın temel ilkeleri		
7	Imar planlama, imar planlamanın temel ilkeleri		
8	Imar uygulamasında düzenleme ortaklık payı ve işlemleri		
9	Imar uygulamasında düzenleme ortaklık payı ve işlemleri		
10	3194 sayılı İmar Kanununa giriş		
11	3194 sayılı İmar Kanunu		
12	3194 sayılı İmar Kanunu		
13	Kadastral yolların imar uygulamasına tabi tutulması		
14	Imar uygulamasında kamu ortaklık payı ve işlemleri		

Course Learning Outcomes

No	Learning Outcomes
C01	Learns and learns about land politics.
C02	Learns the steps to be done for the zoning application
C03	Learns for which facilities DOP is cut.
C04	Knows the DOP account.
C05	Learns the law legislation.
C06	Learns how donations participate in the process.

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
In-Term Studies	Quantity	Percentage
Mid-terms	1	%25
Quizzes	0	%0
Assignment	1	%15
Attendance	0	%0
Practice	1	%20
Project	0	%0
Final examination	1	%40
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	14	3	42
Assignments	1	1	1
Presentation	0	0	0
Mid-terms	1	1	1
Practice	2	2	4
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			91
ECTS Credit of the Course			3

Contribution of Learning Outcomes to Programme Outcomes
bbb



Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
In-Term Studies	Quantity	Percentage
Mid-terms	0	%0
Quizzes	0	%0
Assignment	0	%0
Attendance	0	%0
Practice	0	%0
Project	0	%0
Final examination	0	%0
Total		%0

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

Contribution of Learning Outcomes to Programme Outcomes





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

Application					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
4	HK-2006	Application	6	5	6

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

The application of Project to do land

Teaching Methods and Techniques:

Concept of application, horizontal point application, line application, horizontal angle application, height application, 3D applications, plot and parcel application, horizontal curve application, vertical curve application, building application and TUS application, application of infrastructure projects

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	The concept of application and line application of horizontal dots		
2	Application of the line		
3	Application of the horizontal angle		
4	Application of Height		
5	Three dimensional applications		
6	Three dimensional applications		
7	Application of land		
8	Application of horizontal curve		
9	Application of horizontal curve		
10	Application of the vertical curve		
11	Application of the vertical curve		
12	Application of the building and implementation		
14	Application of infrastructure projects		

Course Learning Outcomes

No	Learning Outcomes
C01	To make horizontal and vertical application
C02	To make parts of the application of Land
C03	To make curved applications
C04	To make application of infrastructural project
C05	Effective use of measurement instruments
C06	To prepare the application sketch

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	2	28
Hours for off-the-c.r.stud	14	2	28
Assignments	10	4	40
Presentation	0	0	0
Mid-terms	1	6	6
Practice	14	2	28
Laboratory	0	0	0
Project	10	3	30
Final examination	1	10	10
Total Work Load			170
ECTS Credit of the Course			6

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-2008 Land Surveying IV					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
4	HK-2008	Land Surveying IV	4	4	5

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

Make land surveying and mapping applications

Teaching Methods and Techniques:

Cross-section measurement and calculations, 2 dimensional transformations, 3 dimensional coordinate systems, GNSS measurement methods, coordinate measurements via GNSS, GNSS applications, underground surveys, hydrographic surveys, deformation surveys, industrial surveys, benefiting from maps, interpreting maps, direction concept and direction finding.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources**

Ders kitabı, yardımcı kitap ve diğer kaynaklar

Course Category

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	GNSS surveying methods		
2	Coordinates with GNSS measurements		
3	Coordinates with GNSS measurements		
4	GNSS applications		
5	Underground measurements		
6	Underground measurements		
7	Hydrographic surveying		
8	Hydrographic surveying		
9	Deformation measurements		
10	Industrial Measurements		
11	Benefit from the map		
12	Haritalardan yararlanma		
13	Interpretation of map		
14	Orientation and navigation concept		

Course Learning Outcomes

No	Learning Outcomes
C01	Make GNSS measurements
C02	Make underground measurements
C03	Conduct hydrographic surveying
C04	Make deformation measurement
C05	Get the measure on the map
C06	Operating on Map

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	4	56
Hours for off-the-c.r.stud	14	4	56
Assignments	10	4	40
Presentation	0	0	0
Mid-terms	1	1	1
Practice	14	1	14
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			168
ECTS Credit of the Course			6

Contribution of Learning Outcomes to Programme Outcomes
bbb





Tokat Gaziosmanpaşa University

Tokat Vocational School
Mapping and Cadastre

HK-2010 Urban Land Development					
Semester	Course Unit Code	Course Unit Title	L+P	Credit	Number of ECTS Credits
4	HK-2010	Urban Land Development	3	3	4

Mode of Delivery:

Face to Face

Language of Instruction:

Turkish

Level of Course Unit:

Associate

Work Placement(s):

No

Department / Program:

Mapping and Cadastre

Type of Course Unit:

Required

Objectives of the Course:

to make land and land arrangements the necessary for Urbanization and rural life

Teaching Methods and Techniques:

Land development; Urban land legislation; Urban land readjustment, Land use planning; Development plans; Plan implementation.

Prerequisites and co-requisites:**Course Coordinator:****Name of Lecturers:****Assistants:****Recommended or Required Reading****Resources****Course Category**

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

Weekly Detailed Course Contents

Week	Topics	Study Materials	Materials
1	Land use legislatio		
2	Definitions in land use legislation		
3	Request based land use transactions		
4	Compulsory land use applications		
5	Land use legislation, land development and landconsolidation		
6	Land use legislation, land development and landconsolidation		
7	Land use legislation, land development and landconsolidation		
8	agricultural building in Turkey in Europe and land arrangement methods in Turkey and cadastre with regard ATT		
9	agricultural building in Turkey in Europe and land arrangement methods in Turkey and cadastre with regard ATT		
10	Land use improvement		
11	Land consolidation applications		
12	Land consolidation applications		
13	Coastline legislation		
14	Transactions carried out by publicly appointedsurveyor offices		

Course Learning Outcomes

No	Learning Outcomes
C01	learn the laws of the urban and rural land arrangement
C02	Learn the teachings and practices calculations for land and land regulations
C03	to make land and land readjustment project as a group

Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria		
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	6	84
Hours for off-the-c.r.stud	14	3	42
Assignments	7	2	14
Presentation	0	0	0
Mid-terms	1	1	1
Practice	14	3	42
Laboratory	0	0	0
Project	0	0	0
Final examination	1	1	1
Total Work Load			184
ECTS Credit of the Course			6

Contribution of Learning Outcomes to Programme Outcomes
bbb



Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria			ECTS Allocated Based on Student Workload			
In-Term Studies	Quantity	Percentage	Activities	Quantity	Duration	Total Work Load
Mid-terms	0	%0	Course Duration	0	0	0
Quizzes	0	%0	Hours for off-the-c.r.stud	0	0	0
Assignment	0	%0	Assignments	0	0	0
Attendance	0	%0	Presentation	0	0	0
Practice	0	%0	Mid-terms	0	0	0
Project	0	%0	Practice	0	0	0
Final examination	0	%0	Laboratory	0	0	0
Total		%0	Project	0	0	0
			Final examination	0	0	0
			Total Work Load			0
			ECTS Credit of the Course			0

Contribution of Learning Outcomes to Programme Outcomes



Program Learning Outcomes

No	Learning Outcome
P01	Uses basic and professional computer programs and hardware related to his profession.
P02	It acts within the framework of team understanding by taking the interdisciplinary approach into consideration.
P03	Defines, analyzes and solves the problems encountered in field studies.
P04	Uses GPS.
P05	Teaches current legislation on urban and rural land arrangement and gains the ability to analyze social development processes.

Assessment Methods and Criteria			ECTS Allocated Based on Student Workload			
In-Term Studies	Quantity	Percentage	Activities	Quantity	Duration	Total Work Load
Mid-terms	0	%0	Course Duration	0	0	0
Quizzes	0	%0	Hours for off-the-c.r.stud	0	0	0
Assignment	0	%0	Assignments	0	0	0
Attendance	0	%0	Presentation	0	0	0
Practice	0	%0	Mid-terms	0	0	0
Project	0	%0	Practice	0	0	0
Final examination	0	%0	Laboratory	0	0	0
Total		%0	Project	0	0	0
			Final examination	0	0	0
			Total Work Load			0
			ECTS Credit of the Course			0

Contribution of Learning Outcomes to Programme Outcomes

