



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

ALM101	GERMAN I				
Semester	Code	Name	T+P	Credit	ECTS
1	ALM101	GERMAN I	3	3	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	German	Associate	No	Elective

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Asist Prof.Dr. ÖMER LÜTFİ İSPİRLİ	None

The aim of lesson :

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.

Course Contents :

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.



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

AİİT101	Ataturk's Principles and History of Turkish Revolution I				
Semester	Code	Name	T+P	Credit	ECTS
1	AİİT101	Ataturk's Principles and History of Turkish Revolution I	2	2	2

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Specialist Dr. Adnan GELMEZ Specialist Dr. Sadet ALTAY Specialist Dr. Ayşe ERYAMAN Specialist Dr. Sabri ZENGİN Specialist Dr. İzzet Bahri ATEŞLİ	None

The aim of lesson :

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.

Course Contents :

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



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

FRA101	French I				
Semester	Code	Name	T+P	Credit	ECTS
1	FRA101	French I	3	3	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	French	Associate	No	Elective

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor İZZET ERCAN	None

The aim of lesson :

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

Course Contents :

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.



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

HK-2009	Algorithms And Programming				
Semester	Code	Name	T+P	Credit	ECTS
3	HK-2009	Algorithms And Programming	3	2	4

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Asist Prof.Dr. Lütfullah DAĞKURS	None

The aim of lesson :

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.

Course Contents :

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.



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

ENF100	INFORMATION TECHNOLOGIES AND OFFICE SOFTWARE				
Semester	Code	Name	T+P	Credit	ECTS
1	ENF100	INFORMATION TECHNOLOGIES AND OFFICE SOFTWARE	2	2	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Elective

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor Selda DEMİR	None

The aim of lesson :

To teach effective use of computer and information technologies.

Course Contents :

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



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

HK-2041	Photogrammetry				
Semester	Code	Name	T+P	Credit	ECTS
3	HK-2041	Photogrammetry	3	3	4

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor Derya Dilara DURSUN	None

The aim of lesson :

Surveying profession in remote sensing and photogrammetric method to produce maps

Course Contents :

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.



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

HK-2008	Land Surveying IV				
Semester	Code	Name	T+P	Credit	ECTS
4	HK-2008	Land Surveying IV	4	4	5

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor TUĞRUL URFALI	None

The aim of lesson :

Make land surveying and mapping applications

Course Contents :

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, benefitting from maps, interpreting maps, direction concept and direction finding.



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

HK-2006	Application				
Semester	Code	Name	T+P	Credit	ECTS
4	HK-2006	Application	6	5	6

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor SELDA DEMİR	None

The aim of lesson :

The application of Project to do land

Course Contents :

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



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

HK-2045	Drawing Of Maps II				
Semester	Code	Name	T+P	Credit	ECTS
3	HK-2045	Drawing Of Maps II	3	2	4

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	SELDA DEMİR	None

The aim of lesson :

To make maps drawings using CAD software

Course Contents :

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.



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

HK-2010	Urban Land Development				
Semester	Code	Name	T+P	Credit	ECTS
4	HK-2010	Urban Land Development	3	3	4

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor DERYA DİLARA KÖSE	None

The aim of lesson :

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

Course Contents :

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



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

HK-1007	Real Estate Law				
Semester	Code	Name	T+P	Credit	ECTS
1	HK-1007	Real Estate Law	3	3	4

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor Derya Dilara DURSUN	None

The aim of lesson :

to make applications with regard professional law

Course Contents :

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.



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

İNG101	English I				
Semester	Code	Name	T+P	Credit	ECTS
1	İNG101	English I	3	3	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Elective

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor H.Tüzün Paçcı	None

The aim of lesson :

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

Course Contents :

Compulsory Foreign Language Courses (English)



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

HK-1002	Drawing of Maps I				
Semester	Code	Name	T+P	Credit	ECTS
2	HK-1002	Drawing of Maps I	3	2	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor SELDA DEMİR	None

The aim of lesson :

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

Course Contents :

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.



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

HK-1005	Land Surveying I				
Semester	Code	Name	T+P	Credit	ECTS
1	HK-1005	Land Surveying I	6	5	6

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Yılmaz ANAS	None

The aim of lesson :

Land surveying and cartography perform calculations.

Course Contents :

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.



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

HK-1008	Land Surveying II				
Semester	Code	Name	T+P	Credit	ECTS
2	HK-1008	Land Surveying II	6	5	6

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor DERYA DİLARA KÖSE	None

The aim of lesson :

Land surveying and mapping operations perform calculations

Course Contents :

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



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

HK-1006	Vocational Computations				
Semester	Code	Name	T+P	Credit	ECTS
2	HK-1006	Vocational Computations	4	4	5

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor TUĞRUL URFALI	None

The aim of lesson :

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 .

Course Contents :

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.



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

TD101	Turkish Language I				
Semester	Code	Name	T+P	Credit	ECTS
1	TD101	Turkish Language I	2	2	2

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Asist Prof.Dr. YAVUZ GÜNEŞ	None

The aim of lesson :

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.

Course Contents :

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.



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

ALM102	GERMAN II				
Semester	Code	Name	T+P	Credit	ECTS
2	ALM102	GERMAN II	3	3	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Elective

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Asist Prof.Dr. ÖMER LÜTFİ İSPİRLİ	None

The aim of lesson :

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

Course Contents :

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



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

Ataturk's Principles and History of Turkish Revolution II					
Semester	Code	Name	T+P	Credit	ECTS
2	AIİT102	Ataturk's Principles and History of Turkish Revolution II	2	2	2

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Specialist Dr. İzzet Bahri ATEŞLİ Specialist Dr. Ayşe ERYAMAN Specialist Dr. Sadet ALTAY Specialist Dr. Sabri ZENGİN Specialist Dr. Adnan GELMEZ	None

The aim of lesson :

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.

Course Contents :

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 strenghten these principles



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

French II					
Semester	Code	Name	T+P	Credit	ECTS
2	FRA102	French II	3	3	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Elective

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor İZZET ERCAN	None

The aim of lesson :

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

Course Contents :

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



## Tokat Gaziosmanpaşa University

Tokat Vocational School  
Mapping and Cadastre

English II					
Semester	Code	Name	T+P	Credit	ECTS
2	İNG102	English II	3	3	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Elective

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor H.Tüzün Paçcı	None

The aim of lesson :

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

Course Contents :

Compulsory Foreign Language Course (English)



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

TD102	Turkish Language II				
Semester	Code	Name	T+P	Credit	ECTS
2	TD102	Turkish Language II	2	2	2

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor Dr. ERDAL BARAN	None

The aim of lesson :

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.

Course Contents :

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



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

HK-1053	Cartography				
Semester	Code	Name	T+P	Credit	ECTS
1	HK-1053	Cartography	2	2	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Elective

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor Tuğrul urfali	None

The aim of lesson :

To give basic information required for cartographic map production.

Course Contents :

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



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

HK-1003	Vocational Trigonometry				
Semester	Code	Name	T+P	Credit	ECTS
1	HK-1003	Vocational Trigonometry	3	3	4

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor Derya Dilara DURSUN	None

The aim of lesson :

solutions is to make professional geometric shapes

Course Contents :

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.



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

HK-1014	Career Planning				
Semester	Code	Name	T+P	Credit	ECTS
2	HK-1014	Career Planning	1	1	2

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Asist Prof.Dr. YUNUS KÜLTÜREL	None

The aim of lesson :

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

Course Contents :

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



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

HK-2013	Planning Information				
Semester	Code	Name	T+P	Credit	ECTS
3	HK-2013	Planning Information	3	3	4

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor Derya Dilara DURSUN	None

The aim of lesson :

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.

Course Contents :

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.



## Tokat Gaziosmanpaşa University

### Tokat Vocational School Mapping and Cadastre

HK-1063	Quality Assurance And Standards				
Semester	Code	Name	T+P	Credit	ECTS
1	HK-1063	Quality Assurance And Standards	2	2	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Elective

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor Selda DEMİR	None

The aim of lesson :

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

Course Contents :

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



# Tokat Gaziosmanpaşa University

## Tokat Vocational School Mapping and Cadastre

HK-1061	Elementary Law				
Semester	Code	Name	T+P	Credit	ECTS
1	HK-1061	Elementary Law	2	2	3

Education Type	Language	Course Level	Course Internship Status	Type of Course
Formal Education	Turkish	Associate	No	Elective

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Mapping and Cadastre		None	Instructor Selda DEMİR	None

The aim of lesson :

To understand the relation of the basic law legislation with cartography

Course Contents :

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