

Compulsory (C) Compulsory (C)



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-1043	PROFESSIONAL MATHEMATICS-I				
Semester	Code	Name	T+P	Credit	ECTS
1	GAZ-1043	PROFESSIONAL MATHEMATICS-I	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
Gas and Installation Technology			None	Çiğdem ÖZTAŞ	None
The aim of lesson : Öğrenciye, mesleği için gerekli olan matematik bilgi ve becerilerini işine uygulayabilme yeterliği kazandırmak.					
Course Contents : Zorunlu Ders(Z)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-1001	TECHNICAL DRAWINGS				
Semester	Code	Name	T+P	Credit	ECTS
1	GAZ-1001	TECHNICAL DRAWINGS	3	3	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
Gas and Installation Technology			None	Instructor Bahattin TÜRKOĞLU	None
The aim of lesson :					
In this course, students basic geometric shapes to be drawn, aimed to gain the projection and view and perspective of interest that may qualify.					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-1005	BASIC INSTALLATION OPERATIONS				
Semester	Code	Name	T+P	Credit	ECTS
1	GAZ-1005	BASIC INSTALLATION OPERATIONS	3	3	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
Gas and Installation Technology		None		Instructor Koray TUNCER	None
The aim of lesson :					
Students of this course; adequacy of sheet and pipe work installation work in order to realize the structure will gain.					
Course Contents :					
Compulsory (C)					

Electives (S)



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

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
Gas and Installation Technology		None	Asist Prof.Dr. ÖMER LÜTFİ İSPİRLİ	None

The aim of lesson :

To use the German language at a basic level for written and oral communication and strengthen the infrastructure of the forward-looking language

Course Contents :

Current issues with German basic grammar



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

AIİT102	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
Gas and Installation Technology		None	Specialist Dr. Adnan GELMEZ Specialist Dr. İzzet Bahri ATEŞLİ Specialist Dr. Ayşe ERYAMAN Specialist Dr. Sadet ALTAY Specialist Dr. Sabri ZENGİN	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 strengthen these principles



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-1008	COMPUTER SUPPORT DRAWING-I				
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1008	COMPUTER SUPPORT DRAWING-I	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
Gas and Installation Technology		None	Instructor Koray TUNCER	None

The aim of lesson :

Computer-aided drafting and design (CAD) To understand the basic elements. Two-dimensional technical drawings in AutoCAD for applications in computer drawing package to draw using the program. Drawings of the drawings made previously on the record and make changes.

Course Contents :

Required



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-1010	PIPE WELDING				
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1010	PIPE WELDING	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
Gas and Installation Technology	None			Instructor Koray TUNCER	None
The aim of lesson :					
With this course, the students, combining oxy-acetylene- based steel using electric arc welding pipe and is aimed to gain competencies.					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

FRA102	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
Gas and Installation Technology			None	Instructor İZZET ERCAN	None
The aim of lesson :					
Course Contents :					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

İNG102	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	English	Associate	No	Elective	
Department/Program		Precondition	Course Coordinator	Instructor	Course Assistants
Gas and Installation Technology		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 Gas and Installation Technology

GAZ-1042	PROFESSIONAL MATHEMATICS-II				
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1042	PROFESSIONAL MATHEMATICS-II	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
Gas and Installation Technology		None	Instructor Çiğdem ÖZTAŞ	None

The aim of lesson :

our goal is provide students with clear understanding of the ideas of mathematics as a solid foundation for subsequent courses in math and other disciplines.

Course Contents :

The concept of function, quadratic equations, and Trigonometrik functions, complex numbers, the limit of a function and its derivative, Matrices and Determinants



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-1048	VOCATIONAL DRAWING				
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1048	VOCATIONAL DRAWING	3	3	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
Gas and Installation Technology		None	Instructor Bahattin TÜRKOĞLU	None

The aim of lesson :

With this course, the student assembly drawings for heating and plumbing components; heating, gas and plumbing projects will gain competencies boots

Course Contents :

Electives (S)



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2059	COMPUTER SUPPORT DRAWING-II				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2059	COMPUTER SUPPORT DRAWING-II	3	3	4

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
Gas and Installation Technology		None	Instructor Bahattin TÜRKOĞLU	None

The aim of lesson :

In this course; computer-aided three-dimensional drawings and installation is intended to gain competency to do.

Course Contents :

ELECTIVE (S)



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2007	STEAM SYSTEM				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2007	STEAM SYSTEM	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
Gas and Installation Technology	None		Instructor Koray TUNCER	None	
The aim of lesson :					
Students of this course, the steam heating system, condensate tank installation, the feed water purification system and ensuring that safety is aimed to gain competencies					
Course Contents :					
Compulsory (z)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2041	NATURAL GAS SYSTEM-I				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2041	NATURAL GAS SYSTEM-I	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
Gas and Installation Technology	None		Instructor Bahattin TÜRKOĞLU	None	
The aim of lesson :					
Students of this course, link building gas lines, underground lines, building gas main shut-off valve assembly and installation of distribution line is aimed to gain proficiency.					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2047	STUDY AND PROJECT TECHNIQUES-I				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2047	STUDY AND PROJECT TECHNIQUES-I	2	1	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
Gas and Installation Technology		None		Instructor Koray TUNCER	None
The aim of lesson :					
This course provides students with the Gas Facilities and infrastructure work will be accelerated.					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2011	HEATING SYSETMS				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2011	HEATING SYSETMS	3	3	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
Gas and Installation Technology		None		Instructor Bahattin TÜRKOĞLU	None
The aim of lesson :					
Students of this course; installation of heating, boiler, boiler assembly, the establishment of mobile heating systems and heating systems are aimed to gain competencies related to commissioning.					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2053	WORK SECURITY				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2053	WORK SECURITY	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
Gas and Installation Technology		None		Instructor Ünsal AYBEK	None
The aim of lesson :					
With this course students; take first aid measures and is aimed at teaching the competencies related to ensuring the safety of work.					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2005	MATERIALS TECNOLOGY				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2005	MATERIALS TECNOLOGY	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
Gas and Installation Technology			None	Instructor Ünsal AYBEK	None
The aim of lesson :					
In this course; material selection and aimed to gain qualifications to make the examination.					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2001	BASIC ELECTRICITY				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2001	BASIC ELECTRICITY	2	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
Gas and Installation Technology	None			Instructor Ünsal AYBEK	None
The aim of lesson :					
This course is set up with simple electric circuits, set up automatic control circuits and electrical connections will gain competencies					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2003	THERMODYNAMICS				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2003	THERMODYNAMICS	3	3	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
Gas and Installation Technology			None	Instructor Ünsal AYBEK	None
The aim of lesson :					
With this course, it is aimed to teach the basic principles of classical thermodynamics, to provide comprehension and solving of engineering problems in thermodynamics, to teach to use the first and second law of					
Course Contents :					
Introduce to Thermodynamics, The first and second law, Analysis of the system and control volume, The behaviour and properties of the pure substances, The applications to the thermodynamics systems.					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2008	NATURAL GAS DISTRIBUTION LINES				
Semester	Code	Name	T+P	Credit	ECTS
4	GAZ-2008	NATURAL GAS DISTRIBUTION LINES	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
Gas and Installation Technology		None		Instructor Bahattin TÜRKOĞLU	None
The aim of lesson :					
This course provides students with the Gas Facilities and infrastructure work will be accelerated.					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2044	NATURAL GAS SYSTEM-II				
Semester	Code	Name	T+P	Credit	ECTS
4	GAZ-2044	NATURAL GAS SYSTEM-II	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
Gas and Installation Technology		None		Instructor Bahattin TÜRKOĞLU	None
The aim of lesson :					
Students of this course is to lay a natural gas installation, take the column installation, attract the consumer line and the installation of gas tightness test is aimed to gain competencies able to do.					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2054	STUDY AND PROJECT TECHNIQUES-II				
Semester	Code	Name	T+P	Credit	ECTS
4	GAZ-2054	STUDY AND PROJECT TECHNIQUES-II	2	1	2
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
Gas and Installation Technology			None	Instructor Ünsal AYBEK	None
The aim of lesson :					
This course prepares the project will be able to gain qualifications.					
Course Contents :					
Electives (S)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2004	CLIMATIZATION TECHNICAL				
Semester	Code	Name	T+P	Credit	ECTS
4	GAZ-2004	CLIMATIZATION TECHNICAL	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
Gas and Installation Technology			None	Instructor Koray TUNCER	None
The aim of lesson :					
With this course, students are aimed to gain competencies needed to make the selection and installation of individual air conditioning system.					
Course Contents :					
Compulsory (C)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2056	CONTACTS				
Semester	Code	Name	T+P	Credit	ECTS
4	GAZ-2056	CONTACTS	2	2	2
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
Gas and Installation Technology			None	Instructor Ünsal AYBEK	None
The aim of lesson :					
With this course the student, verbal, nonverbal, written, formal, competencies to communicate between the inside and the outside non formal and the organization will gain.					
Course Contents :					
Electives (S)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2006	BUSINESS MANAGEMENT				
Semester	Code	Name	T+P	Credit	ECTS
4	GAZ-2006	BUSINESS MANAGEMENT	2	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
Gas and Installation Technology			None	Instructor Bahattin TÜRKOĞLU	None
The aim of lesson :					
The aim of the Business Management Program is to educate qualified graduates who have basic business administration knowledge and adequacy, can work in private and public business as intermediate staff, submanager and middle manger, can follow and apply tecnological and scientific innovation, have enough adequacy for market and succesful in social relationship.					
Course Contents :					
This course deals with he concept of entrepreneur and entrepreneurship, the importance of entrepreneurship, small business management, problems small business face and suggesting solutions of these problems.					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

GAZ-2058	COOLING SYSTEM DESIGN				
Semester	Code	Name	T+P	Credit	ECTS
4	GAZ-2058	COOLING SYSTEM DESIGN	3	3	4
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
Gas and Installation Technology			None	Instructor Ünsal AYBEK	None
The aim of lesson :					
This course provides students with the cold room to make design and assembly is intended to gain the competencies required.					
Course Contents :					
Electives (S)					



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

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	Turkish	Associate	No	Elective	
Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants	
Gas and Installation Technology		None	Ömer Lütfi İSPİRLİ Ömer Lütfi İSPİRLİ İlker ETİKAN Ömer Lütfi İSPİRLİ Ayşe ERYAMAN Ömer Lütfi İSPİRLİ Ömer Lütfi İSPİRLİ Ömer Lütfi İSPİRLİ Ömer Lütfi İSPİRLİ Bahattin ÖZTOPRAK Yılmaz ANAS Ömer Lütfi İSPİRLİ	None	

The aim of lesson :

To use the German language at a basic level for written and oral communication and strengthen the infrastructure of the forward-looking language

Course Contents :

Current issues with German basic grammar



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

AIİT101	Ataturk's Principles and History of Turkish Revolution I				
Semester	Code	Name	T+P	Credit	ECTS
1	AIİT101	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	
Gas and Installation Technology		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 Gas and Installation Technology

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	
Gas and Installation Technology		None	Instructor Koray TUNCER	None	

The aim of lesson :

This course is aimed at using ICT opportunities to gain qualifications on how to improve himself.

Course Contents :

Electives (S)



Tokat Gaziosmanpaşa University

Tokat Vocational School Gas and Installation Technology

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
Gas and Installation Technology		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 Gas and Installation Technology

GAZ-2002	RENEWABLE ENERGY SOURCES				
Semester	Code	Name	T+P	Credit	ECTS
4	GAZ-2002	RENEWABLE ENERGY SOURCES	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
Gas and Installation Technology		None	Instructor Ünsal AYBEK	None

The aim of lesson :

Renewable energy sources and technologies, the aim of this course is to make students understand the subject

Course Contents :

Compulsory (C)