



Tokat Gaziosmanpaşa University

Tokat Vocational School
Natural Gas and Installation Technology

GAZ-1016	MEASUREMENT TECHNIQUE				
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1016	MEASUREMENT TECHNIQUE	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
Natural Gas and Installation Technology		None	Instructor Koray Tuncer	None

The aim of lesson :

Identify precision measuring and control instruments used in dimension and angle measurement. Be able to read basic measuring instruments such as calipers, micrometers, and dial indicators, which are frequently used in heating, cooling, air conditioning, and piping work. Be able to determine tolerances.

Course Contents :

Measurement and control terminology, measurement methods, calibration of measuring instruments, concept of surface roughness and measurement methods, unit systems, pressure, flow, temperature measurements, errors in measuring instruments, calipers, comparators, micrometers.



Tokat Gaziosmanpaşa University

Tokat Vocational School
Natural Gas and Installation Technology

GAZ-1056	WELDING TECHNOLOGIES				
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1056	WELDING TECHNOLOGIES	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
Natural 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)



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Natural Gas and Installation Technology

GAZ-1058	ENERGY MANAGEMENT				
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1058	ENERGY MANAGEMENT	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
Natural Gas and Installation Technology		None	None	None

The aim of lesson :

Course Contents :



Tokat Gaziosmanpaşa University

Tokat Vocational School
Natural Gas and Installation Technology

KRY102	Career Planning				
Semester	Code	Name	T+P	Credit	ECTS
2	KRY102	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
Natural Gas and Installation Technology		None	Instructor Koray Tuncer	None

The aim of lesson :

In Career Planning courses, by getting to know the business world, different sectors and the personal information of these sectors, the process of preparing for business processes is a career

Course Contents :

The course helps students discover their personal competencies and understand the expectations of the business world, helping them develop their knowledge and skills in line with the requirements of relevant sectors.



Tokat Gaziosmanpaşa University

Tokat Vocational School
Natural Gas and Installation Technology

FRA101	French I				
Semester	Code	Name	T+P	Credit	ECTS
1	FRA101	French I	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
Natural Gas and Installation Technology		None	Instructor Elif Karaer elif.karaer@gop.edu.tr	None

The aim of lesson :

The aim of this course is to enable students to acquire basic French language skills at the A1 level according to the Common European Framework of Reference for Languages (CEFR).

Course Contents :

This course focuses on developing basic French language skills through the introduction of essential grammatical structures and everyday communication practices. The content includes verb conjugations in the present tense, definite and indefinite articles, pronouns, adjective agreement, question forms, negation structures, prepositions of place, and the development of basic speaking and writing skills in everyday contexts.



Tokat Gaziosmanpaşa University

Tokat Vocational School
Natural Gas and Installation Technology

İNG101	English I				
Semester	Code	Name	T+P	Credit	ECTS
1	İNG101	English I	2	2	2

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
Natural Gas and Installation Technology		None	Instructor Hakan Akkan hakan.akkan@gop.edu.tr	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
Natural Gas and Installation Technology

GAZ-1003	TECHNICAL PHYSICS				
Semester	Code	Name	T+P	Credit	ECTS
1	GAZ-1003	TECHNICAL PHYSICS	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
Natural Gas and Installation Technology		Asist Prof.Dr. Ünsal AYBEK	Asist Prof.Dr. Ünsal AYBEK	None

The aim of lesson :

Students are to be taught the basic principles of physics and the ability to account if supported by experiments kazandırılmasıdır.öğrenci of the concept to be taught the basic principles of physics to calculate and provide the ability to test the concepts supported.

Course Contents :

Systems of units, concepts of vectors, force, and moment, equilibrium and conditions of equilibrium, determination of the center of gravity of regular geometric shapes, Newton's laws of motion, concepts of work, power, and energy, relationship between heat and temperature, types of heat transfer (conduction, convection, radiation), basic fluid properties, flow types and flow rate calculation, flow in channels and pipes, pressure loss calculations in pipes.



Tokat Gaziosmanpaşa University

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Natural Gas and Installation Technology

GAZ-1011	PROFESSIONAL MATHEMATICS				
Semester	Code	Name	T+P	Credit	ECTS
1	GAZ-1011	PROFESSIONAL MATHEMATICS	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
Natural Gas and Installation Technology		None	Specialist Dr. Koray Tuncer	None

The aim of lesson :

To provide students with the ability to apply the mathematical knowledge and skills necessary for their profession to their work.

Course Contents :

Basic concepts, exponents and radicals, first-degree equations and inequalities, quadratic equations



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Tokat Vocational School
Natural Gas and Installation Technology

GAZ-1001	TECHNICAL DRAWINGS				
Semester	Code	Name	T+P	Credit	ECTS
1	GAZ-1001	TECHNICAL DRAWINGS	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
Natural 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)



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Natural Gas and Installation Technology

GAZ-1005	BASIC INSTALLATION OPERATIONS				
Semester	Code	Name	T+P	Credit	ECTS
1	GAZ-1005	BASIC INSTALLATION OPERATIONS	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
Natural 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 :

Ability to perform basic installation work in buildings and industrial facilities. Learning design principles. Understanding the functions and usage details of installation elements.



Tokat Gaziosmanpaşa University

Tokat Vocational School
Natural Gas and Installation Technology

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
Natural Gas and Installation Technology		None		None

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The aim of lesson :

Associate and express themselves correctly and effectively to the students at the undergraduate level, the main language awareness to acquiring; panels, conferences, panel, forum type meetings to teach effective listening.

Course Contents :

The aim of the course is to give information about the scope and basic concepts. The main problem of the Turkish language rules. Effective and good use of language



Tokat Gaziosmanpaşa University

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GAZ-1054	PLUMBİNG				
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1054	PLUMBİNG	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
Natural Gas and Installation Technology		None	Instructor Koray TUNCER	None

The aim of lesson :

This course is the establishment of the building plumbing, laying of waste water installations, aimed to gain competencies related to the assembly and installation of hot water use fire apparatus.

Course Contents :

Developing the ability to read blueprints for clean water, wastewater, hot water, and rainwater installations. Learning the calculation criteria and design calculations for these installations. Gaining a basic understanding of some special installations, such as fire systems.



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ALM102	GERMAN II				
Semester	Code	Name	T+P	Credit	ECTS
2	ALM102	GERMAN II	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
Natural Gas and Installation Technology		None	None	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
Natural 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
Natural Gas and Installation Technology		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 strengthen these principles



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GAZ-2061	MATERIALS TECNOLOGY				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2061	MATERIALS TECNOLOGY	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
Natural Gas and Installation Technology		Asist Prof.Dr. Ünsal AYBEK	Asist Prof.Dr. Ünsal AYBEK	None

The aim of lesson :

In this course; material selection and aimed to gain qualifications to make the examination.

Course Contents :

Classification of materials, basic concepts of atomic structure, material selection, bonding structures and compounds, alloys, atomic diffusion, melting and solidification, iron and steel production, types, and nomenclature, iron and steel additives and their properties, corrosion and corrosion protection techniques, non-ferrous metals, plastics and composites, material inspection methods.



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FRA102	French II				
Semester	Code	Name	T+P	Credit	ECTS
2	FRA102	French II	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
Natural Gas and Installation Technology		None	Instructor Elif Karaer elif.karaer@gop.edu.tr	None

The aim of lesson :

The aim of this course is to reinforce basic French grammar structures, improve students' communicative skills, and develop A1-A2 level proficiency in speaking, listening, reading, and writing.

Course Contents :

Question forms, present tense verbs, passé composé, direct and indirect object pronouns, partitive articles, reflexive verbs, imperative and negation, cause-effect structures



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

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
Natural 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
Natural Gas and Installation Technology

GAZ-1048 VOCATIONAL DRAWING					
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1048	VOCATIONAL DRAWING	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
Natural 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
Natural Gas and Installation Technology

GAZ-2021 COMPUTER SUPPORT DRAWING					
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2021	COMPUTER SUPPORT DRAWING	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
Natural 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
Natural 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
Natural 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
Natural Gas and Installation Technology

GAZ-1009	NATURAL GAS SYSTEM-I				
Semester	Code	Name	T+P	Credit	ECTS
1	GAZ-1009	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
Natural 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
Natural Gas and Installation Technology

GAZ-2063	STUDY AND PROJECT TECHNIQUES				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2063	STUDY AND PROJECT TECHNIQUES	2	1	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
Natural Gas and Installation Technology		None	Instructor Koray TUNCER	None

The aim of lesson :

The aim of this course is to enable students to analyze a specific engineering or design problem by applying their technical knowledge and skills, develop solution alternatives, and implement these solutions as a project. Students gain experience in project management, research, planning, implementation, and reporting processes, preparing them for real-world professional practice.

Course Contents :

The aim of this course is to enable students to analyze a specific engineering or design problem by applying their technical knowledge and skills, develop solution alternatives, and implement these solutions as a project. Students gain experience in project management, research, planning, implementation, and reporting processes, preparing them for real-world professional practice.



Tokat Gaziosmanpaşa University

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Natural Gas and Installation Technology

GAZ-2011	HEATING SYSETMS				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2011	HEATING SYSETMS	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
Natural 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
Natural Gas and Installation Technology

GAZ-1018	THERMODYNAMICS				
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1018	THERMODYNAMICS	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
Natural Gas and Installation Technology		Asist Prof.Dr. Ünsal AYBEK	Asist Prof.Dr. 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 :

Basic concepts, system, environment, change of state and cycle concepts, the zeroth law of thermodynamics, energy and its types, energy units and conversions, thermodynamic properties of pure substances, property relations, p-v and T-s diagrams, the ideal gas equation and phase transitions of ideal gases, the 0th, 1st, 2nd, and 3rd laws of thermodynamics, use of thermodynamic tables, properties and energy balance of closed systems, properties and energy balance of open systems, heat engines, refrigeration machines, and heat pumps.



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Natural 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
Natural Gas and Installation Technology		None	Asist Prof.Dr. 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 :

Electrical concepts and methods of electricity generation, measurement tools and their use, principles of open, short, and closed circuits, structure and properties of series and parallel circuits, Ohm's law and its applications, the concept of resistivity, Kirchhoff's laws and circuit analysis, introduction and use of electrical circuit elements, grounding and resetting methods, mechanical push-button circuit installation, thermostat-controlled circuit installation, and pressure switch-controlled circuit installation.



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GAZ-1020	NATURAL GAS DISTRIBUTION LINES				
Semester	Code	Name	T+P	Credit	ECTS
2	GAZ-1020	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
Natural 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
Natural Gas and Installation Technology

GAZ-2019	NATURAL GAS SYSTEM-II				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2019	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
Natural 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
Natural Gas and Installation Technology

GAZ-2015	CLIMATIZATION TECHNICAL				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2015	CLIMATIZATION TECHNICAL	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
Natural 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 :					
To learn the thermal and sanitary comfort conditions to ensure human comfort in buildings and industrial facilities.					



Tokat Gaziosmanpaşa University

Tokat Vocational School
Natural Gas and Installation Technology

GAZ-2069	CONTACTS				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2069	CONTACTS	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
Natural Gas and Installation Technology			Asist Prof.Dr. Ünsal AYBEK	Asist Prof.Dr. 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 :					
Basic elements of communication, techniques for verbal communication, methods for written communication, forms of nonverbal communication, formal and informal communication types, organizational communication processes, preparation for job interviews, and communication practices.					



Tokat Gaziosmanpaşa University

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GAZ-2067	BUSINESS MANAGEMENT				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2067	BUSINESS MANAGEMENT	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
Natural 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 manager, can follow and apply technological and scientific innovation, have enough adequacy for market and successful in social relationship.

Course Contents :

This course deals with the 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
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ALM101	GERMAN I				
Semester	Code	Name	T+P	Credit	ECTS
1	ALM101	GERMAN I	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
Natural Gas and Installation Technology		None	Ömer Lütfi İSPİRLİ Ömer Lütfi İSPİRLİ Birsen ÖZYURT 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
Natural 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
Natural Gas and Installation Technology		None	Specialist Dr. UĞUR POLAT ugur.polat@gop.edu.tr	None

The aim of lesson :

To understand Atatürk'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 caused the establishment of Republic of Turkey. Atatürk's principles which determine the features of Republic of Turkey and the revolutions which strengthen these principles



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Tokat Vocational School
Natural 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	Required

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Natural 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 :

Word, Excel, Powerpoint



Tokat Gaziosmanpaşa University

Tokat Vocational School
Natural 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
Natural Gas and Installation Technology		None	Instructor Dr. erdal baran https://tdb.gop.edu.tr/KadroAkademik.aspx?d=tr-TR&mk=42257&m=akademik_kadro erbaran82@gmail.com	None

The aim of lesson :

To make studens become familiar with the correct, beautiful and efficient use of the Tuekish language to maket hem base the written and spoken intercourse of the language on strong principals to maket hem gain their skills in correspondence, presentatations and ezplanations succesfully 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

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Natural Gas and Installation Technology

GAZ-2065	RENEWABLE ENERGY SOURCES				
Semester	Code	Name	T+P	Credit	ECTS
3	GAZ-2065	RENEWABLE ENERGY SOURCES	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
Natural Gas and Installation Technology		Asist Prof.Dr. Ünsal AYBEK	Asist Prof.Dr. 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 :

Energy concepts and basic terms, solar energy and photovoltaic systems, wind energy and turbines, hydraulic energy and power plants, geothermal energy and applications, biomass and biodiesel production, wave and hydrogen energy, energy saving and efficiency methods.