Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP1014		FUNCTIONAL PROGRAMMING				
Semester	Code	Name		T+P	Credit	ECTS
2	BP1014	FUNCTIONAL PROGRAMMING		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
Computer Programming	None		Instructor Emre Gürbüz	None

The aim of lesson :
This lecture aims students to gain essential sufficiencies in the field of functional programming.
Course Contents :
Introduction to Functions, Concept of Functionality and Code Reuse, Arguments in Functions, Process of Returning Value in Functions, Local and Global Variables in Functions, Function Overloading, Function Overriding, Constructor Functions and Constructor Function Chaining, Passing Value and Reference to Functions, Accessing to Functions and Access Modifiers in Object Oriented Languages, Recursion in Functions, Mutual Recursion in Functions, Complexity and Big-O Notation, Hierarchy in Functions, Interfaces, Function Libraries

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2012		OPERATING SYSTEMS				
Semester	Code	Name		T+P	Credit	ECTS
4	BP2012	OPERATING SYSTEMS		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
Computer Programming	None		Instructor Dr. Onur CÖMERT onur.comert@gop.edu.tr	None

The aim of lesson :
With this course, it is aimed to provide the student with advanced competencies related to Operating Systems.
Course Contents :
Knows the general structure of Operating Systems. Recognizes the types of operating systems. Learns the features of Server and Server operating systems. Can install Linux Operating system. Windows Operating System Installation It can install Windows operating system. The operating system can make general settings. Recognizes server operating system services. Knows what Raid does and its types. Have theoretical knowledge about proxy server service Have knowledge of the installation and settings of the proxy server service Have theoretical knowledge about web and FTP server services. Have information about the setup and settings of web and FTP server services Have knowledge of the installation and settings of the DNS server service Have theoretical knowledge about DHCP server service Have knowledge of the setup and settings of the DHCP server service Have theoretical knowledge about e-mail server service

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

D0000141		English II				
Semester	Code	Name		T+P	Credit	ECTS
2	D0000141	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
Computer Programming	None		Instructor Burçak TÜRK	None

The aim of lesson :
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.
Course Contents :
This course includes grammar, spelling and pronunciation, vocabulary, listening and speaking skills.

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP1002		VOCATIONAL MATHEMATICS					
Semester	Code	Name			T+P	Credit	ECTS
2	BP1002	VOCATIONAL MATHEMATICS			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
Computer Programming			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 :
Lecture and Practice

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP1042		GRAPHIC AND ANIMATION - II					
Semester	Code	Name			T+P	Credit	ECTS
2	BP1042	GRAPHIC AND ANIMATION - 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
Computer Programming			None	Instructor Hadi ESMERAY	None

The aim of lesson :
To qualify the students to prepare and produce graphic and animation programmes that work within the internet medium
Course Contents :
Oral presantations, discussions, lecture, project, laboratory practices

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Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2030		WORK ETHIC					
Semester	Code	Name			T+P	Credit	ECTS
4	BP2030	WORK ETHIC			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
Computer Programming			None	Instructor Dr. EMRE GÜRBÜZ	None

The aim of lesson :
It is aimed to enable the stodents gain adequacies in terms of Professional Ethics
Course Contents :
Oral and visual expression, practices, discussions, presentations, and homework

D0000103		GERMAN I				
Semester	Code	Name		T+P	Credit	ECTS
1	D0000103	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
Computer Programming		None	Asist Prof.Dr. ÖMER LÜTFİ İSPİRLİ	None

The aim of lesson :
The aim of the course is to make students acquire German language as the second foreign language at basic level.
Course Contents :
Alphabet, numbers, basic grammar rules, telling the time, easy daily conversations, some common formal and informal phrases etc.

BP2071		SOFTWARE INSTALLATION AND MANAGEMENT				
Semester	Code	Name		T+P	Credit	ECTS
3	BP2071	SOFTWARE INSTALLATION AND 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
Computer Programming		None	Instructor Dr. Onur CÖMERT onur.comert@gop.edu.tr	None

The aim of lesson :
This lecture aims students to gain fundamental sufficiencies in the field of software installation and management.
Course Contents :
Installation of operating systems, Management of operating systems, Installation and management of security software, Installation of office programs, Applications for the use of office programs, Installation of software development tools, Knows the use of software development tools. Recognizes Virtualization software such as VMWare, Proxmox, VirtualBox. Knows the advanced features of the Windows 10 operating system. Knows MSSQL SERVER and Management Studio Installation. Knows Visual Studio Installation. Knows MYSQL, MySQL Workbench and PhpMyAdmin Installations. Knows Apache Web Server setup. Can use remote connection software.

BP2011		SYSTEM ANALYSIS AND DESIGN I				
Semester	Code	Name		T+P	Credit	ECTS
3	BP2011	SYSTEM ANALYSIS AND DESIGN I		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
Computer Programming		None	Instructor Hadi ESMERAY	None

The aim of lesson :
With this course the student, using his technical knowledge in the sector be able to create a viable project in detail.
Course Contents :
Lecture, Research, Discussion, Implementation

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

D0000106		Ataturk's Principles and History of Turkish Revolution I				
Semester	Code	Name		T+P	Credit	ECTS
1	D0000106	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
Computer Programming		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
Computer Programming

BP1003		BASICS OF PROGRAMMING				
Semester	Code	Name		T+P	Credit	ECTS
1	BP1003	BASICS OF PROGRAMMING		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
Computer Programming		None	Instructor Emre Gürbüz	None

The aim of lesson :
This lecture aims students to gain fundamental sufficiencies in the field of programming essentials.
Course Contents :
Algorithms, Flowcharts, Programming Tools, Variables, Constants, Input-Output Operations, Operators, Decision Structures, Loop Controls, Single Dimensional Arrays, Strings, Multi-Dimensional Arrays, Methods not Returning Values, Methods Returning Values, Recursion, Ordered Files, Random Access Files

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP1045		GRAPHIC AND ANIMATION - I				
Semester	Code	Name		T+P	Credit	ECTS
1	BP1045	GRAPHIC AND ANIMATION - 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
Computer Programming		None	Instructor Hadi ESMERAY	None

The aim of lesson :
To qualify the students to prepare and produce graphic and animation programmes that work within the internet medium
Course Contents :
Oral presantations, discussions, lecture, project, laboratory practices

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2019		SOFTWARE ARCHITECTURES				
Semester	Code	Name		T+P	Credit	ECTS
3	BP2019	SOFTWARE ARCHITECTURES		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
Computer Programming			None	Instructor ONUR CÖMERT	None

The aim of lesson :
With this course students, aimed to gain qualifications related to software architectures
Course Contents :
Lecture, discussion, demonstration, research

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2021		OPEN SOURCE OPERATING SYSTEM				
Semester	Code	Name		T+P	Credit	ECTS
3	BP2021	OPEN SOURCE OPERATING SYSTEM		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
Computer Programming			None	Instructor Hadi ESMERAY	None

The aim of lesson :
This lecture aims students to gain fundamental sufficiencies in the field of open source operating systems.
Course Contents :
Structure of the Open Source Operating Systems, Basic Desktop Concepts and Operations, File System and Its Operating Principle, Basic Tools and Applications of the Open Source Operating Systems, Basic Network Programs and Network Settings, Internet Connection, Basic User and Group Operations, Open Source Operating System Editors, Program Installation and Update, Shell Operations, Kernel Structure, File and Folder Sharing, User Authentication, Packet Installation, Shell Programming

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

D0000194		Turkish Language I				
Semester	Code	Name		T+P	Credit	ECTS
1	D0000194	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
Computer Programming			None	Instructor Dr. ERDAL BARAN	None

The aim of lesson :
The goals of lecture ara states her / him self fluentlyand affectively, mainlanguage awerness; at panels, conferece, foorum etc.
Course Contents :
Dersin amacı, kapsamı ve temel kavramlar hakkında bilgi verilmesi. Türk dilinin temel sorunları, kuralları. Dilin etkili ve güzel kullanımı.

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

D0000140	English I					
Semester	Code	Name		T+P	Credit	ECTS
1	D0000140	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
Computer Programming		None	Instructor Burçak TÜRK	None

The aim of lesson :
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.
Course Contents :
This course includes grammar, spelling and pronunciation, vocabulary, listening and speaking skills.

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2045	VISUAL PROGRAMMING - II					
Semester	Code	Name		T+P	Credit	ECTS
3	BP2045	VISUAL PROGRAMMING - II		4	4	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
Computer Programming		None	Instructor Onur CÖMERT	None

The aim of lesson :
With this course the student, developing visual programming and database applications, preparation of application deployment packages are aimed to gain qualifications.
Course Contents :
Lectures and application, Oral Presentation, Case study, Project.

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP1001	MATHEMATICS					
Semester	Code	Name		T+P	Credit	ECTS
1	BP1001	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
Computer Programming		None	Instructor Çiğdem ÖZTAŞ	None

The aim of lesson :
Give the key concept to student to solve basic math problems related to computer programs
Course Contents :
Arithmetic and algebraic operations, the first order one and two unknowns Equations, simple inequalities, Base and Root-making and problem-solving (Percent, age, speed problems, etc.)

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2009		Vocational Foreign Language I				
Semester	Code	Name		T+P	Credit	ECTS
3	BP2009	Vocational Foreign 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
Computer Programming			None	Instructor Emre Gürbüz	None

The aim of lesson :
This lecture aims students to gain essential sufficiencies in the field of vocational foreign language
Course Contents :
Written and oral communication in vocational issues, Programming tools, Messages and error codes, Concepts related to computer networks, Web browsers, Database concepts, Graphics and multimedia, Concepts related to theory of computation

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP1004		BASICS OF NETWORK				
Semester	Code	Name		T+P	Credit	ECTS
2	BP1004	BASICS OF NETWORK		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
Computer Programming			None	Instructor Dr. ONUR CÖMERT	None

The aim of lesson :
The course aims to enable the students gain adequacies to conduct network structuring capabilities.
Course Contents :
Digital Communication Learns digital communication techniques Network Protocols, Network Devices and Network Topologies Knows what network devices do. Understands network topologies. Physical and Logical Addressing Knows the types of addressing. Gains knowledge of address structures. Wired and Wireless Communication Technologies Comprehends the basics of computer communication. Gains knowledge about communication technologies. Learns indoor cabling. Learns outdoor cabling. Gains knowledge of wireless communication techniques Network Segmentation Knows the types of IP addresses The gateway learns the subnet mask and broadcast address. Learns the classes of IP addresses. IPV4 Network Segmentation Learns to partition IPV4 networks into subnets. IPV6 Network Segmentation Learns to partition IPV6 networks into subnets. Firewall Knows the types of Firewalls OSI Model Learns standards in OSI model layers Routing Algorithms Knows how routing algorithms work Computer IP Address Settings Knows IP settings in Windows and Linux operating systems Network Diagnostics with ICMP Can diagnose network with ICMP commands

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

D0000104		GERMAN II				
Semester	Code	Name		T+P	Credit	ECTS
2	D0000104	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
Computer Programming			None	Asist Prof.Dr. ÖMER LÜTFİ İSPİRLİ	None

The aim of lesson :
The course aims to improve the core knowledge acquired in German Language -I
Course Contents :
Basic grammar rules, daily conversations, newspapers and magazines, business writing

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP1010		VISUAL PROGRAMMING - I				
Semester	Code	Name	T+P	Credit	ECTS
2	BP1010	VISUAL PROGRAMMING - I	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
Computer Programming		None	Instructor Emre Gürbüz	None

The aim of lesson :
This lecture aims students to gain fundamental sufficiencies in the field of visual programming.
Course Contents :
Installing visual programming editors and making adjustments of these, Forms and their properties, Standard objects, Login and message windows, Dialog windows and advanced objects, Operators, Functions, Decision structures, Loops, String operations, Arrays, Designing themes, Graphical applications, Reporting applications

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

D0000107		Ataturk's Principles and History of Turkish Revolution II				
Semester	Code	Name	T+P	Credit	ECTS
2	D0000107	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
Computer Programming		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
Computer Programming

BP1005		COMPUTER HARDWARE				
Semester	Code	Name	T+P	Credit	ECTS
1	BP1005	COMPUTER HARDWARE	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
Computer Programming		None	Instructor Hadi ESMERAY	None

The aim of lesson :
Students, adequacies to set up hardware systems are be gained.
Course Contents :
Oral and visual expression, presentation, conference, homework, laboratory practices

BP2043		DATABASES - I				
Semester	Code	Name		T+P	Credit	ECTS
3	BP2043	DATABASES - I		4	4	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
Computer Programming			None	Instructor Dr. ONUR CÖMERT	None

The aim of lesson :
This course details the basics of Microsoft SQL Server. Students will be introduced to the basics of using SQL Server.
Course Contents :
Gain knowledge of data models Understands what can be done with Microsoft SQL Server software. Learns how to use Microsoft SQL Server software. Can write simple queries in SQL language. It can create tables in SQL language. Learns operators used in SQL language. Learn to filter data with relational algebra Learn the general structure of the SQL language Recognize system functions in SQL language. Learns where and when to use functions. Can use functions in SQL language queries. Can write nested queries on tables. Can group and join tables. Relationships Learns how to establish relationships between tables Can establish relationships between tables. Learns what kind of constraints relationships provide. He learns the keys. Learns what kind of constraints are provided with keys. Understands the importance of relational database. Can run simple SQL queries on a database

BP2072		RESEARCH METHODS				
Semester	Code	Name		T+P	Credit	ECTS
4	BP2072	RESEARCH METHODS		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
Computer Programming			None	Instructor ONUR CÖMERT	None

The aim of lesson :
To enable the students gain required competences to conduct research
Course Contents :
Oral and visual expression, presentation, discussion, practice, homework

BP2028		VISUAL PROGRAMMING - III				
Semester	Code	Name		T+P	Credit	ECTS
4	BP2028	VISUAL PROGRAMMING - III		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
Computer Programming			None	Instructor HADİ ESMERAY	None

The aim of lesson :
With this course the student will learn how to make industrial applications with visual programming languages
Course Contents :
Lectures and application, Oral Presentation, Case study, Project.

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2002	INTERNET PROGRAMMING - II				
Semester	Code	Name	T+P	Credit	ECTS
4	BP2002	INTERNET PROGRAMMING - II	4	4	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
Computer Programming		None	Instructor Dr. ONUR CÖMERT	None

The aim of lesson :
With this course the student; the internet work, they will gain competencies in writing web programs that can use the database and web services.
Course Contents :
Understands what can be done with ASP.NET. Recognizes ASP.NET objects. Can use ASP.NET objects. Can create and edit master page Learns ASP.NET membership management controls. Can design ASP.NET membership management page. ASP.NET membership management can use advanced features. Learns ASP.NET database connection objects. With ASP.NET you can get data from table in database. With ASP.NET, it can pass parameters to database structures. Can perform listing and editing of data. It can provide access to Store Procedures and Funtions. Can create sitemap Recognizes objects that provide communication between ASP.NET pages. It can transfer data from one page to another using communication objects. It can make a website with advanced features.

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2008	Vocational Foreign Language II				
Semester	Code	Name	T+P	Credit	ECTS
4	BP2008	Vocational Foreign 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
Computer Programming		None	Instructor Emre Gürbüz	None

The aim of lesson :
This lecture aims students to gain essential sufficiencies in the field of vocational foreign language
Course Contents :
Written and oral communication in vocational issues, Translating the foreign concepts and sentences in the field of theory of computing into Turkish, Translating the foreign concepts and sentences in the field of computer networks into Turkish, Using the computer applications designed in foreign language efficiently

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2074	MICROPROCESSORS				
Semester	Code	Name	T+P	Credit	ECTS
4	BP2074	MICROPROCESSORS	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
Computer Programming		None	None	None

The aim of lesson :
Select a microcontroller, design algorithm and flow chart, write programs for the microcontroller,installing programmes to microcontroler
Course Contents :
Oral and visual expression, laboratory practices, presentations, projects, homework

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2004	OBJECT BASED PROGRAMMING - II					
Semester	Code	Name		T+P	Credit	ECTS
4	BP2004	OBJECT BASED PROGRAMMING - II		4	4	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
Computer Programming		None	Instructor Emre Gürbüz	None

The aim of lesson :
This lecture aims students to gain essential sufficiencies in the field of object based programming.
Course Contents :
Introduction to C Programming Language, Variables, Conditional Structures, Loops, Input/Output Operations in C Programming Language, Pointers, Arrays in C Programming Language, Dynamic Memory Management, Introduction to Java Programming Language, Object Concept in Java Programming Language, Value and Reference Types, Concept of Inheritance, Error Handling

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2014	SYSTEM ANALYSIS AND- II					
Semester	Code	Name		T+P	Credit	ECTS
4	BP2014	SYSTEM ANALYSIS AND- II		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
Computer Programming		None	Instructor Hadi ESMERAY	None

The aim of lesson :
With this course the student, using his technical knowledge in the sector be able to create a viable project in detail.
Course Contents :
Lecture, Research, Discussion, Implementation

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

D0000195	Turkish Language II					
Semester	Code	Name		T+P	Credit	ECTS
2	D0000195	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
Computer Programming		None	Instructor Cafer Akın	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 writen 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.

BP1012		BASICS OF WEB DESIGN					
Semester	Code	Name			T+P	Credit	ECTS
2	BP1012	BASICS OF WEB DESIGN			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
Computer Programming			None	Instructor Hadi ESMERAY	None

The aim of lesson :
To enable the students perform HTML applications for WEB projects
Course Contents :
Computer Lab is used for applied visual teaching. Useful application samples are chosen and each student is given the opportunity to make their own sample

BP2001		INTERNET PROGRAMMING - I					
Semester	Code	Name			T+P	Credit	ECTS
3	BP2001	INTERNET PROGRAMMING - I			4	4	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
Computer Programming			None	Instructor Dr. Onur CÖMERT	None

The aim of lesson :
With this course the student; Internet environment will gain competence to write programs that run on open source.
Course Contents :
Learns what can be done with HTML language. Can design simple web pages with HTML and CSS. Javascript Input, Variables and Types Learns what can be done with Java Script language. It can define variables in JS language. It can construct loops in JS language. Conditions can be written Can recognize function Learns array definition and properties Comparison and Logical Operators Can use operators in diagnosis and coding String and Mathematical Functions Recognize and use functions Can perform operations related to the keyboard. Can do mouse related operations Can create 2D graphics and shapes Can open and close browser tabs Learns timing related functions

BP2020		SERVER OPERATING SYSTEM					
Semester	Code	Name			T+P	Credit	ECTS
4	BP2020	SERVER OPERATING SYSTEM			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
Computer Programming			None	Instructor ONUR CÖMERT	None

The aim of lesson :
With this course, students are aimed to gain proficiency on the management of the server operating system.
Course Contents :
Lecture, Practice

BP2048		DATABASES - II				
Semester	Code	Name		T+P	Credit	ECTS
4	BP2048	DATABASES - II		4	4	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
Computer Programming		None	Instructor Dr. ONUR CÖMERT	None

The aim of lesson :
This course details Microsoft SQL Server. Topics include: learning how to create and manipulate database objects. Students will be introduced to the basics of using SQL Server, indexs, functions, triggers, cursors, security, connected ve disconnected layers, transaction.
Course Contents :
Recognize the features of T-SQL language. Learns variable definition and conditional structures in T-SQL Language. Can set up loops in T-SQL language. He learns what kind of benefits he will get with View. View can define and use. Can define and use Function that returns a single value. Can define and use Functions that return a table. Learns what kind of benefits he will get with the procedure. Can define and use procedures. Master the advanced features of Procedure in order to create a professional database. Learns how to access MSSQL structures from Visual Studio application. Learns to do operations by navigating on the data table with the cursor. He learns what kind of benefits he will get with Transaction and Trigger. Can define and use transactions. He learns what kind of benefits he will get with Trigger. Trigger can define and use.

BP2066		WEB EDITOR				
Semester	Code	Name		T+P	Credit	ECTS
4	BP2066	WEB EDITOR		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
Computer Programming		None	Instructor Hadi ESMERAY	None

The aim of lesson :
Bu ders ile öğrenciye; WEB editörünü kullanarak WEB sayfası tasarlama yeterlikleri kazandırılacaktır.
Course Contents :
Lecture, Practice

BP2010		WEB PROJECT MANAGEMENT				
Semester	Code	Name		T+P	Credit	ECTS
4	BP2010	WEB PROJECT MANAGEMENT		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
Computer Programming		None	Instructor HADİ ESMERAY	None

The aim of lesson :
With this course, students will analyze whether the project, the process of safety management systems will be able to manage.
Course Contents :
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BP1007	INFORMATIC TECHNIQUES					
Semester	Code	Name		T+P	Credit	ECTS
1	BP1007	INFORMATIC TECHNIQUES		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
Computer Programming		None	Instructor Dr. Onur CÖMERT onur.comert@gop.edu.tr	None

The aim of lesson :
With this course, it is aimed to provide the student with the basic competencies related to Office Applications.
Course Contents :
Knows what Microsoft Word software does. Learns how to open and save new files Learns operations such as font editing Learns table image insertion operations Learns about page layout operations References and Review Tab It can show page and character count and spell check. Knows what Microsoft Excel software does. Excel knows cellular operations Can filter columns in Excel Can create, edit Excel worksheets Can create, edit Excel chart Can perform operations using formulas Knows what Microsoft PowerPoint software is for.

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BP1009	ALGORITHMS					
Semester	Code	Name		T+P	Credit	ECTS
1	BP1009	ALGORITHMS		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
Computer Programming		None	Instructor Dr. Onur CÖMERT onur.comert@gop.edu.tr	None

The aim of lesson :
With this course, it is aimed to provide the student with basic competencies related to setting up algorithms.
Course Contents :
Gains knowledge about algorithm concepts. Knows the basic data/variable types and the differences between them. Knows the variable naming rules. Can define and assign variables. Understands the importance of storing data in variables. It can learn the type of a data/variable. Understands why conditional structures are needed. Knows the meanings of keywords that make up conditional structures. Knows how many different ways conditional structures can be formed. Can design conditional structures nested. Knows how to use operators while creating conditional structures. It can direct the program flow by using conditional structures. Can design procedures with conditional structure. Understands why conditional structures are needed. Knows the meanings of keywords that make up conditional structures. Knows how many different ways conditional structures can be formed. Understands why arrays are needed. Knows how to define the array. Can read and write array elements. Can operate on array elements It can use array elements in a loop. Can use array elements in conditional structures. Knows the meanings of operation operators. Can use operation operators correctly. Knows the order of priority among the operation operators. Knows the meaning of comparison operators. Can use comparison operators correctly. Knows the meanings of logical operators. Can use logical operators correctly. Gains experience in creating algorithms. Knows the meanings of keywords used in creating loops. Knows how to create conditions for loops to repeat. It can design a loop so that an infinite loop does not occur. Knows how infinite loops can be used when needed. Can design loops nested. Gets experience of looping in algorithm. Gets experience of looping in algorithm. Recognizes the Visual Studio environment. Can develop simple applications in Visual Studio environment.