Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

BP2013		INTERNET PROGRAMMING I				
Semester	Code	Name		T+P	Credit	ECTS
3	BP2013	INTERNET 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 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

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

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

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

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 :
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.

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
Computer Programming		None	Instructor Dr. Onur CÖMERT	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.

BP1009	ALGORITHMS				
Semester	Code	Name	T+P	Credit	ECTS
1	BP1009	ALGORITHMS	2	2	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 Dr. Onur CÖMERT	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.

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

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	Turkish	Associate	No	Elective

Department/Program		Precondition	Course Coordinator	Instructor	Course Assistants
Computer Programming			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
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

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

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

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
Computer Programming		None	Instructor Erdal ÖRDEK Instructor Dr. Ömer Lütfi İSPİRLİ	None

The aim of lesson :
To be able to use german language in beginner level with the aim of written and oral communication skills, and to construct a base for further learning of the language.
Course Contents :
General main course of german language.

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

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

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

Department/Program	Precondition	Course Coordinator	Instructor	Course Assistants
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.

BP1015		BASICS OF PROGRAMMING					
Semester	Code	Name			T+P	Credit	ECTS
1	BP1015	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

BP1011		GRAPHIC AND ANIMATION - I					
Semester	Code	Name			T+P	Credit	ECTS
1	BP1011	GRAPHIC AND ANIMATION - I			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
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

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

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
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

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

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

Department/Program		Precondition	Course Coordinator	Instructor	Course Assistants
Computer Programming			None	Instructor H.Tüzün Paçcı	None

The aim of lesson :
The objective of this course is to be able to bring the students to the A2 Level in terms of CEF.
Course Contents :
Compulsory Foreign Language Courses (English)

Tokat Gaziosmanpaşa University

Tokat Vocational School
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

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
Computer Programming		None	Asist Prof.Dr. ÖMER LÜTFİ İSPİRLİ	None

The aim of lesson :
German language at a basic level and looking forward to be able to use written and oral communication purpose is to strengthen the infrastructure of language
Course Contents :
Current issues in the presence of basic German grammar

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

AİİT102		Ataturk's Principles and History of Turkish Revolution II				
Semester	Code	Name		T+P	Credit	ECTS
2	AİİT102	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

BP1013	COMPUTER HARDWARE					
Semester	Code	Name		T+P	Credit	ECTS
1	BP1013	COMPUTER HARDWARE		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
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

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

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

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

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

Tokat Gaziosmanpaşa University

Tokat Vocational School
Computer Programming

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

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

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

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
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