VOCATIONAL SCHOOL
DEPARTMENT OF COMPUTER TECHNOLOGY
PROGRAM OF COMPUTER PROGRAMMING ENGLISH
2026-2027 FALL ASSOCIATE DEGREE CURRICULUM (3+1)

Semester 1

Code	**Course Title**	**T**	**A**	**C**	**ECTS**	**Status**	**Prerequisite**
ATA111	Atatürk Principles and The History of Turkish Revolution I	2	0	2	2	Compulsory	
MTRD101.01	Turkish Language I	2	0	2	2	Compulsory	
MINF101	General Mathematics	3	0	3	5	Compulsory	
MCMP113	Introduction to Basic Algorithms and Programming	3	0	3	4	Compulsory	
MCMP115	Computer Networks and Applications	3	0	3	4	Compulsory	
MCMP117	Fundamentals of Operating Systems	3	0	3	4	Compulsory	
MCMP119	Database and Applications	3	0	3	4	Compulsory	
SECGNL1YY	Elective Course I (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	4	Elective	
CLP001.09	İş Yaşamına Hazırlık	0	2	1	1	Compulsory	
	Total Credit			**23**	**30**		

Semester 2

Code	**Course Title**	**T**	**A**	**C**	**ECTS**	**Status**	**Prerequisite**
ATA112	Atatürk Principles and The History of Turkish Revolution II	2	0	2	2	Compulsory	
MTRD102.01	Turkish Language II	2	0	2	2	Compulsory	
MINF102	Mathematics and Logic	3	0	3	5	Compulsory	
MCMP114	Algorithm Design and Applications	3	0	3	4	Compulsory	
MCMP116	Web Design and Development	3	0	3	4	Compulsory	
MCMP118	Software Project Management	3	0	3	4	Compulsory	
MCMP120	Python Programming	3	0	3	4	Compulsory	
SECGNL2YY	Elective Course II (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	4	Elective	
MINF104	Occupational Safety in Informatics	0	2	1	1	Compulsory	
	Total Credit			**23**	**30**		

Semester 3

Code	**Course Title**	**T**	**A**	**C**	**ECTS**	**Status**	**Prerequisite**
MINF201	Informatics Project	3	0	3	3	Compulsory	
MINF203	English for Informatics	2	0	2	2	Compulsory	
SECGNL3YY	Elective Course III (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3YY	Elective Course IV (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3YY	Elective Course V (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3YY	Elective Course VI (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3YY	Elective Course VII (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
	Total Credit			**20**	**30**		

Semester 4

Code	**Course Title**	**T**	**A**	**C**	**ECTS**	**Status**	**Prerequisite**
MIME101	Work-Based Learning	0	40	20	30	Compulsory	
	Total Credit			**20**	**30**		

Semester 5

Code	**Course Title**	**T**	**A**	**C**	**ECTS**	**Status**	**Prerequisite**
	Total Credit						

Semester 6

Code	**Course Title**	**T**	**A**	**C**	**ECTS**	**Status**	**Prerequisite**
	Total Credit						

Semester 7

Code	**Course Title**	**T**	**A**	**C**	**ECTS**	**Status**	**Prerequisite**
	Total Credit						

Semester 8

Code	**Course Title**	**T**	**A**	**C**	**ECTS**	**Status**	**Prerequisite**
	Total Credit						

TOTAL CREDIT	**86**
TOTAL ECTS	**120**

Abbreviations: T=Weekly hours: theoretical; A=Weekly hours: application; C=Credits in Turkish System; ECTS= European Credit Transfer System

ELECTIVE COURSES

Semester 1

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MCMP121	Hardware and Software Systems	3	0	3	4	Elective	
MCMP123	Office Software and Applications	3	0	3	4	Elective	
FACULTY ELECTIVE							
MAIO101	Introduction to the World of Artificial Intelligence	3	0	3	4	Elective	
MAIO103	Data Science	3	0	3	4	Elective	
UNIVERSITY ELECTIVE							

Semester 2

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MCMP122	User Experience and Interface Design	3	0	3	4	Elective	
MCMP124	Algorithmic 3D Design and Digital Fabrication	3	0	3	4	Elective	
FACULTY ELECTIVE							
MAIO102	Artificial Intelligence Hardware Architectures	3	0	3	4	Elective	
MAIO108	Mobile Application Development	3	0	3	4	Elective	
UNIVERSITY ELECTIVE							

Semester 3

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MBLS205	On Job Training	0	30	15	25	Elective	
MBLP125	Hardware and Software	3	0	3	5	Elective	
MBLP140	Office Applications	3	0	3	5	Elective	
MBLP142	Three-Dimensional Modeling and Printing Applications for Programmers	3	0	3	5	Elective	
MBLP235	Web Content Management Systems	3	0	3	5	Elective	
MBLP237	E-Commerce Systems	3	0	3	5	Elective	
MBLP239	Web Server Management	3	0	3	5	Elective	
MBLP241	Computer Literacy	3	0	3	5	Elective	
MBLP242	Introduction to Parallel Programming	3	0	3	5	Elective	
MBLP244	Embedded Systems	3	0	3	5	Elective	
MBLP245	User Interface Design	3	0	3	5	Elective	
MBLP251	Cyber Security	3	0	3	5	Elective	
MBLP252	Data Mining	3	0	3	5	Elective	
MBLP254	Information Security Standards and Auditing Skills	3	0	3	5	Elective	
MBLP255	.NET Programming	3	0	3	5	Elective	
MBLP257	Programming with Java	3	0	3	5	Elective	
MBLP259	Game Program Development	3	0	3	5	Elective	
MBLP263	Disinformation and Perception Management	3	0	3	5	Elective	
MBLP265	Programming for Social Good	3	0	3	5	Elective	
MWTK102	Web Literacy	3	0	3	5	Elective	
MWTK201	Web Publishing	3	0	3	5	Elective	
MWTK203	Search Engine Optimization	3	0	3	5	Elective	
MWTK205	Visual Web Design	3	0	3	5	Elective	
MWTK206	Learning Management Systems	3	0	3	5	Elective	
MWTK207	Internet-Based Programming	3	0	3	5	Elective	
FACULTY ELECTIVE							
MBBO203	Industrial Cloud Technologies	3	0	3	5	Elective	
MBBO206	Cloud Solutions, Data Center Management and Standards	3	0	3	5	Elective	
MBBO207	Internet of Things	3	0	3	5	Elective	
MDDE101	Digital Transformation	3	0	3	5	Elective	
MMOT105	Mobile Programming Fundamentals	3	0	3	5	Elective	
MMOT223	Artificial Intelligence	3	0	3	5	Elective	
MMOT224	Hybrid Application Development	3	0	3	5	Elective	
MMOT225	Cloud Computing	3	0	3	5	Elective	
MYZO206	Image Processing with Artificial Intelligence	3	0	3	5	Elective	
MYZO208	ROS Systems	3	0	3	5	Elective	
MYZO209	Artificial Intelligence Web Applications	3	0	3	5	Elective	
MYZO210	Artificial Intelligence and Ethics	3	0	3	5	Elective	
MYZO217	Effective Prompt Writing with AI	3	0	3	5	Elective	
MYZO218	Machine Learning	3	0	3	5	Elective	
MADL230	Labour Law	3	0	3	5	Elective	
MELK237	Sustainability and Environment	3	0	3	5	Elective	
MGRS201	Practices Of Entrepreneurship	3	0	3	5	Elective	
MIKA242	Basics of Effective Communication Techniques	3	0	3	5	Elective	
MISL223	General Business	3	0	3	5	Elective	
MCIN101	Chinese	3	0	3	5	Elective	
MRUS101	Russian	3	0	3	5	Elective	
MMSE201	Occupational Ethics	3	0	3	5	Elective	
UNIVERSITY ELECTIVE							

Semester 4

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 5

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 6

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 7

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 8

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							