VOCATIONAL SCHOOL
DEPARTMENT OF COMPUTER TECHNOLOGY
PROGRAM OF MOBILE TECHNOLOGY
2025-2026 FALL ASSOCIATE DEGREE CURRICULUM (3+1)

Semester 1

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
MMAT105	General Mathematics	3	0	3	5	Compulsory	
MBLP117	Fundamentals of Algorithm and Programming	3	0	3	5	Compulsory	
MBLP119	Computer Network Systems	3	0	3	5	Compulsory	
MBLP121	Operating System	3	0	3	5	Compulsory	
MMOT105	Mobile Programming Fundamentals	3	0	3	5	Compulsory	
SECGNL1YY	Elective Course I (DEPARTMENTAL ELECTIVE)	3	0	3	5	Elective	
	Total Credit			**18**	**30**		

Semester 2

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
MMAT106	Math and Logic	3	0	3	5	Compulsory	
MBLP134	Algorithm Applications	3	0	3	5	Compulsory	
MBLP136	Database	3	0	3	5	Compulsory	
MMOT112	Android Basic Programming	3	0	3	5	Compulsory	
SECGNL2YY	Elective Course II (DEPARTMENTAL ELECTIVE)	3	0	3	5	Elective	
SECGNL2YY	Elective Course III (DEPARTMENTAL ELECTIVE)	3	0	3	5	Elective	
	Total Credit			**18**	**30**		

Semester 3

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
ATA101	Atatürk Principles and The History of Turkish Revolution I	2	0	2	2	Compulsory	
MING151	Basic English I	3	0	3	4	Compulsory	
MTRD101	Turkish Language I	2	0	2	2	Compulsory	
MBLP247	Occupational Safety in Informatics	0	2	1	1	Compulsory	
KYP001.09	İş Yaşamına Hazırlık	0	2	1	1	Compulsory	
SECGNL3YY	Elective Course IV (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3YY	Elective Course V (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3YY	Elective Course VI (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3YY	Elective Course VII (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
	Total Credit			**21**	**30**		

Semester 4

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
ATA102	Atatürk Principles and The History of Turkish Revolution II	2	0	2	2	Compulsory	
MING152	Basic English II	3	0	3	4	Compulsory	
MTRD102	Turkish Language II	2	0	2	2	Compulsory	
MMOT230	Profession Project	3	0	3	7	Compulsory	
SECGNL4YY	Elective Course VIII (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL4YY	Elective Course IX (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL4YY	Elective Course X (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
	Total Credit			**19**	**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	**76**
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							
MBLP125	Hardware and Software	3	0	3	5	Elective	
MBLP123	Website Fundamentals	3	0	3	5	Elective	
MBLP245	User Interface Design	3	0	3	5	Elective	
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 2

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MBLP140	Office Applications	3	0	3	5	Elective	
MBLP245	User Interface Design	3	0	3	5	Elective	
MBLP138	Web Programming Fundamentals	3	0	3	5	Elective	
MMOT114	iOS Basic Programming	3	0	3	5	Elective	
MBLP142	Three-Dimensional Modeling and Printing Applications for Programmers	3	0	3	5	Elective	
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

Semester 3

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MMOT228	Workplace Application	0	18	9	15	Elective	
MMOT227	Android Application Programming	3	0	3	5	Elective	
MMOT229	iOS Application Programming	3	0	3	5	Elective	
MMOT231	Android Game Programming	3	0	3	5	Elective	
MMOT233	iOS Game Programming	3	0	3	5	Elective	
MBLP123	Website Fundamentals	3	0	3	5	Elective	
MBLP138	Web Programming Fundamentals	3	0	3	5	Elective	
MBLP249	Web Application Programming	3	0	3	5	Elective	
MBLP251	Cyber Security	3	0	3	5	Elective	
MBLP253	Programming with Python	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	
MBLP242	Introduction to Parallel Programming	3	0	3	5	Elective	
MMOT223	Artificial Intelligence	3	0	3	5	Elective	
MBLP235	Web Content Management Systems	3	0	3	5	Elective	
MBLP243	Software Project Planning and Management	3	0	3	5	Elective	
MBLP237	E-Commerce Systems	3	0	3	5	Elective	
MBLP244	Embedded Systems	3	0	3	5	Elective	
MBLP239	Web Server Management	3	0	3	5	Elective	
MMOT224	Hybrid Application Development	3	0	3	5	Elective	
MMOT225	Cloud Computing	3	0	3	5	Elective	
MMEK111	Sensors and Transducers	3	0	3	5	Elective	
MMEK209	Robot Technology	3	0	3	5	Elective	
MMEK222	Programmable Logic Controller	3	0	3	5	Elective	
MMEK220	Digital Circuit Design	3	0	3	5	Elective	
MBLP252	Data Mining	3	0	3	5	Elective	
MBLP261	User Interface Applications	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	
FACULTY ELECTIVE							
MGRS201	Practices Of Entrepreneurship	3	0	3	5	Elective	
MGSA202	Fine Arts	3	0	3	5	Elective	
MMSE201	Occupational Ethics	3	0	3	5	Elective	
MISL223	General Business	3	0	3	5	Elective	
MADL230	Labour Law	3	0	3	5	Elective	
MIKA242	Basics of Effective Communication Techniques	3	0	3	5	Elective	
MBLP241	Computer Literacy	3	0	3	5	Elective	
MING253	English III	3	0	3	5	Elective	
MELK237	Sustainability and Environment	3	0	3	5	Elective	
UNIVERSITY ELECTIVE							

Semester 4

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MMOT228	Workplace Application	0	18	9	15	Elective	
MMOT227	Android Application Programming	3	0	3	5	Elective	
MMOT229	iOS Application Programming	3	0	3	5	Elective	
MMOT231	Android Game Programming	3	0	3	5	Elective	
MMOT233	iOS Game Programming	3	0	3	5	Elective	
MBLP123	Website Fundamentals	3	0	3	5	Elective	
MBLP138	Web Programming Fundamentals	3	0	3	5	Elective	
MBLP249	Web Application Programming	3	0	3	5	Elective	
MBLP251	Cyber Security	3	0	3	5	Elective	
MBLP253	Programming with Python	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	
MBLP242	Introduction to Parallel Programming	3	0	3	5	Elective	
MMOT223	Artificial Intelligence	3	0	3	5	Elective	
MBLP235	Web Content Management Systems	3	0	3	5	Elective	
MBLP243	Software Project Planning and Management	3	0	3	5	Elective	
MBLP237	E-Commerce Systems	3	0	3	5	Elective	
MBLP244	Embedded Systems	3	0	3	5	Elective	
MBLP239	Web Server Management	3	0	3	5	Elective	
MMOT224	Hybrid Application Development	3	0	3	5	Elective	
MMOT225	Cloud Computing	3	0	3	5	Elective	
MMEK111	Sensors and Transducers	3	0	3	5	Elective	
MMEK209	Robot Technology	3	0	3	5	Elective	
MMEK222	Programmable Logic Controller	3	0	3	5	Elective	
MMEK220	Digital Circuit Design	3	0	3	5	Elective	
MBLP252	Data Mining	3	0	3	5	Elective	
MBLP261	User Interface Applications	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	
FACULTY ELECTIVE							
MGRS201	Practices Of Entrepreneurship	3	0	3	5	Elective	
MGSA202	Fine Arts	3	0	3	5	Elective	
MMSE201	Occupational Ethics	3	0	3	5	Elective	
MISL223	General Business	3	0	3	5	Elective	
MADL230	Labour Law	3	0	3	5	Elective	
MIKA242	Basics of Effective Communication Techniques	3	0	3	5	Elective	
MBLP241	Computer Literacy	3	0	3	5	Elective	
MING254	English IV	3	0	3	5	Elective	
MELK237	Sustainability and Environment	3	0	3	5	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							