



**VOCATIONAL SCHOOL
DEPARTMENT OF ELECTRONIC AND AUTOMATION
PROGRAM OF MOBILE TECHNOLOGY
ASSOCIATE DEGREE CURRICULUM (3+1) (2025-2026 and Before)**

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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	

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	
SECGNL2Y2	Elective Course II (DEPARTMENTAL ELECTIVE)	3	0	3	5	Elective	
SECGNL2Y2	Elective Course III (DEPARTMENTAL ELECTIVE)	3	0	3	5	Elective	
Total		Credit	18	30			

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	
SECGNL3Y3Y	Elective Course IV (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3Y3Y	Elective Course V (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3Y3Y	Elective Course VI (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL3Y3Y	Elective Course VII (SECOND FOREIGN LANGUAGE/DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
Total Credit		21	30				

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Semester 8							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
		Total Credit					

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	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	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	Prerequisite
SECOND FOREIGN LANGUAGE						
MCIN101	Chinese	3	0	3	5	Elective
MRUS101	Russian	3	0	3	5	Elective
DEPARTMENTAL ELECTIVE						
MMOT228	Workplace Application	0	18	9	15	Elective
MBLS202	English for Informatics	2	0	2	2	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
MBBO206	Cloud Solutions, Data Center Management and Standards	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
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
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	Prerequisite
SECOND FOREIGN LANGUAGE						
MCIN101	Chinese	3	0	3	5	Elective
MRUS101	Russian	3	0	3	5	Elective
DEPARTMENTAL ELECTIVE						
MMOT228	Workplace Application	0	18	9	15	Elective
MBLS202	English for Informatics	2	0	2	2	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
MBBO206	Cloud Solutions, Data Center Management and Standards	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
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
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	Prerequisite
SECOND FOREIGN LANGUAGE						
DEPARTMENTAL ELECTIVE						
FACULTY ELECTIVE						
UNIVERSITY ELECTIVE						

Semester 6						
Code	Course Title	T	A	C	ECTS	Prerequisite
SECOND FOREIGN LANGUAGE						
DEPARTMENTAL ELECTIVE						
FACULTY ELECTIVE						
UNIVERSITY ELECTIVE						

Semester 7						
Code	Course Title	T	A	C	ECTS	Prerequisite
SECOND FOREIGN LANGUAGE						
DEPARTMENTAL ELECTIVE						
FACULTY ELECTIVE						
UNIVERSITY ELECTIVE						

Semester 8						
Code	Course Title	T	A	C	ECTS	Prerequisite
SECOND FOREIGN LANGUAGE						
DEPARTMENTAL ELECTIVE						
FACULTY ELECTIVE						
UNIVERSITY ELECTIVE						