

OKAN UNIVERSİTESİ İSTANBUL	VOCATIONAL SCHOOL DEPARTMENT OF DATABASE, NETWORK DESIGN AND MANAGEMENT CLOUD COMPUTING OPERATOR PROGRAM CURRICULUM PLAN (3+1) (2025-2026 and Earlier)	Document Code:
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1. Semester

2. Semester

3. Semester

4. Semester

5. Semester

6. Semester

7. Semester

8. Semester

Abbreviations: T=Weekly Theoretical Hours; U=Weekly Practical Hours; K=Course Credit; ECTS=European Credit Transfer System Credit

EĞİTİM - ÖĞRETİM PLANI



ELECTIVE COURSES

1. Semester

Code	Course Name	T	U	K	ECTS	Status	Prerequisite
ELECTIVE FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE COURSE							
MBLP125	Hardware and Software	3	0	3	5	Elective	
MMOT105	Fundamentals of Mobile Programming	3	0	3	5	Elective	
MBLP245	User Interface Design	3	0	3	5	Elective	
MYZO103	Introduction to Data Science	3	0	3	5	Elective	
FACULTY ELECTIVE COURSE							
UNIVERSITY ELECTIVE COURSE							

2. Semester

Code	Course Name	T	U	K	ECTS	Status	Prerequisite
ELECTIVE FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE COURSE							
MBLP140	Office Applications	3	0	3	5	Elective	
MMOT112	Basic Android Programming	3	0	3	5	Elective	
MMOT114	Basic iOS Programming	3	0	3	5	Elective	
MBLP245	User Interface Design	3	0	3	5	Elective	
MBLP142	3D Modeling and Printing for Programmers	3	0	3	5	Elective	
MBBO104	Data Security	3	0	3	5	Elective	
MBBO106	High-Performance Computing Hardware	3	0	3	5	Elective	
FACULTY ELECTIVE COURSE							
UNIVERSITY ELECTIVE COURSE							

3. Semester

Code	Course Name	T	U	K	ECTS	Status	Prerequisite
ELECTIVE FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE COURSE							
MBBO204	Workplace Practice	0	18	9	15	Elective	
MBBO210	Workplace Practices	0	24	12	20	Elective	
MBBO201	Cloud Computing Architectures	3	0	3	5	Elective	
MBBO203	Industrial Cloud Technologies	3	0	3	5	Elective	
MBBO205	Cloud Computing and Artificial Intelligence	3	0	3	5	Elective	
MBBO207	Internet of Things	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	
MBLP240	Web Programming	3	0	3	5	Elective	
MBLP242	Introduction to Parallel Programming	3	0	3	5	Elective	
MBLP243	Software Project Planning and Management	3	0	3	5	Elective	
MBLP244	Embedded Systems	3	0	3	5	Elective	
MBLP249	Web Application Programming	3	0	3	5	Elective	
MBLP251	Cybersecurity	3	0	3	5	Elective	
MBLP252	Data Mining	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 Development	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	
MMOT105	Fundamentals of Mobile Programming	3	0	3	5	Elective	
MMOT112	Basic Android Programming	3	0	3	5	Elective	
MMOT114	Basic iOS Programming	3	0	3	5	Elective	
MMOT223	Artificial Intelligence	3	0	3	5	Elective	
MMOT224	Hybrid App Development	3	0	3	5	Elective	
MMOT225	Cloud Computing	3	0	3	5	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	
FACULTY ELECTIVE COURSE							
MADL230	Labor Law	3	0	3	5	Elective	
MBLP241	Basic Computer Skills	3	0	3	5	Elective	
MELK237	Sustainability and Environment	3	0	3	5	Elective	
MGRS201	Entrepreneurship Practices	3	0	3	5	Elective	
MGSA202	Fine Arts	3	0	3	5	Elective	
MIKA242	Fundamentals of Effective Communication	3	0	3	5	Elective	
MING253	English III	3	0	3	5	Elective	
MISL223	General Business	3	0	3	5	Elective	
MMEK111	Sensors and Transducers	3	0	3	5	Elective	
MMEK209	Robotics Technology	3	0	3	5	Elective	
MMEK220	Digital Circuit Design	3	0	3	5	Elective	
MMEK222	Programmable Logic Controller	3	0	3	5	Elective	
MMSE201	Professional Ethics	3	0	3	5	Elective	
MWTK101	Copyright and Ethics on the Web	3	0	3	5	Elective	
MDDE101	Digital Transformation	3	0	3	5	Elective	
MWTK102	Web Literacy	3	0	3	5	Elective	
MWTK104	Information Law	3	0	3	5	Elective	
MWTK201	Web Publishing	3	0	3	5	Elective	
MWTK205	Visual Web Design	3	0	3	5	Elective	
MWTK207	Internet-Based Programming	3	0	3	5	Elective	
MWTK206	Learning Management Systems	3	0	3	5	Elective	
MWTK208	Web Publishing Tools	3	0	3	5	Elective	
UNIVERSITY ELECTIVE COURSE							

5. Semester

Code	Course Name	T	U	K	ECTS	Status	Prerequisite
ELECTIVE FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE COURSE							
FACULTY ELECTIVE COURSE							
UNIVERSITY ELECTIVE COURSE							

7. Semester

Code	Course Name	T	U	K	ECTS	Status	Prerequisite
ELECTIVE FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE COURSE							
FACULTY ELECTIVE COURSE							
UNIVERSITY ELECTIVE COURSE							

4. Semester

Code	Course Name	T	U	K	ECTS	Status	Prerequisite
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DEPARTMENTAL ELECTIVE COURSE							
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MBBO201	Cloud Computing Architectures	3	0	3	5	Elective	
MBBO203	Industrial Cloud Technologies	3	0	3	5	Elective	
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MBLP235	Web Content Management Systems	3	0	3	5	Elective	
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MBLP240	Web Programming	3	0	3	5	Elective	
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MMOT114	Basic iOS Programming	3	0	3	5	Elective	
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MMOT231	Android Game Programming	3	0	3	5	Elective	
MMOT233	iOS Game Programming	3	0	3	5	Elective	
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MBLP241	Basic Computer Skills	3	0	3	5	Elective	
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MING254	English IV	3	0	3	5	Elective	
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MWTK206	Learning Management Systems	3	0	3	5	Elective	
MWTK208	Web Publishing Tools	3	0	3	5	Elective	
UNIVERSITY ELECTIVE COURSE							

6. Semester

Code	Course Name	T	U	K	ECTS	Status	Prerequisite
ELECTIVE FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE COURSE							
FACULTY ELECTIVE COURSE							
UNIVERSITY ELECTIVE COURSE							

8. Semester

Code	Course Name	T	U	K	ECTS	Status	Prerequisite
ELECTIVE FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE COURSE							
FACULTY ELECTIVE COURSE							
UNIVERSITY ELECTIVE COURSE							