

VOCATIONAL SCHOOL OF HIGHER EDUCATION
DEPARTMENT OF NETWORK DESIGN AND MANAGEMENT
DIGITAL HEALTH SYSTEMS TECHNICIAN PROGRAM
ACADEMIC CURRICULUM (2026-2027 FALL SEMESTER)

Semester 1							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
MDSS101	Information and Communication Technologies	3	0	3	5	Compulsory	
MDSS103	Basic Anatomy and Physiology	3	0	3	5	Compulsory	
MDSS105	Introduction to Digital Health Systems	3	0	3	5	Compulsory	
MDSS115	Patient Rights and Medical Ethics	3	0	3	4	Compulsory	
MDSS109	Medical Terminology	3	0	3	5	Compulsory	
MDSS111	Basic Emergency First Aid	3	0	3	4	Compulsory	
MDSS113	Professional Deontology and Communication	3	0	3	4	Compulsory	
Total Credit		21			32		

Semester 2							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
MDSS102	Electronic Health Record Systems	3	0	3	5	Compulsory	
MDSS104	Health Law and Regulations	3	0	3	5	Compulsory	
MDSS110	Programming in Health Informatics	3	0	3	5	Compulsory	
MDSS112	Artificial Intelligence Applications in Health	3	0	3	4	Compulsory	
MDSS114	Archiving and Medical Documentation	3	0	3	4	Compulsory	
MDSS116	Organization and Management in Healthcare Services	3	0	3	4	Compulsory	
MDSS118	Healthcare Database Management	3	0	3	4	Compulsory	
Total Credit		21			31		

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	English I	3	0	3	4	Compulsory	
KYP001.09	İş Yaşamına Hazırlık	0	2	1	1	Compulsory	
MTRD101	Turkish Language I	2	0	2	2	Compulsory	
SECGNL3Y	Elective Course I (ELECTIVE DEPARTMENT COURSE/ELECTIVE FACULTY COURSE)	3	0	3	5	Elective	
SECGNL3Y	Elective Course II (ELECTIVE DEPARTMENT COURSE/ELECTIVE FACULTY COURSE)	3	0	3	5	Elective	
SECGNL3Y	Elective Course III (ELECTIVE DEPARTMENT COURSE/ELECTIVE FACULTY COURSE)	3	0	3	5	Elective	
SECGNL3Y	Elective Course IV (ELECTIVE DEPARTMENT COURSE/ELECTIVE FACULTY COURSE)	3	0	3	5	Elective	
Total Credit		20			29		

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	English II	3	0	3	4	Compulsory	
MTRD102	Turkish Language II	2	0	2	2	Compulsory	
SECGNL4Y	Elective Course I (ELECTIVE DEPARTMENT COURSE/ELECTIVE FACULTY COURSE)	3	0	3	5	Elective	
SECGNL4Y	Elective Course II (ELECTIVE DEPARTMENT COURSE/ELECTIVE FACULTY COURSE)	3	0	3	5	Elective	
SECGNL4Y	Elective Course III (ELECTIVE DEPARTMENT COURSE/ELECTIVE FACULTY COURSE)	3	0	3	5	Elective	
SECGNL4Y	Elective Course IV (ELECTIVE DEPARTMENT COURSE/ELECTIVE FACULTY COURSE)	3	0	3	5	Elective	
Total Credit		19			28		

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	81
TOTAL ECTS	120

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



İSTANBUL
OKAN ÜNİVERSİTESİ

ASSOCIATE DEGREE CURRICULUM

SEÇMELİ DERSLER

Semester 1

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

Semester 2

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

Semester 3

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MDSS212	Graduation Project	3	0	3	5	Elective	
MDSS210	Health Systems	3	0	3	5	Elective	
MDSS208	Web Applications in Healthcare	3	0	3	5	Elective	
MDSS209	Hospital Management Information Syste	3	0	3	5	Elective	
MDSSIU101	Workplace Applications I	3	0	3	5	Elective	
MDSSIU102	Workplace Applications II	3	0	3	5	Elective	
MDSSIU103	Workplace Applications III	3	0	3	5	Elective	
MDSSIU104	Workplace Applications IV	3	0	3	5	Elective	
MDSS207	New Technologies and Mobility in Healthcare	3	0	3	5	Elective	
MDSS208	Hospital Automation Systems	3	0	3	5	Elective	
FACULTY ELECTIVE							
MGRS201	Entrepreneurship Applications	3	0	3	5	Elective	
MGSA202	Fine Arts	3	0	3	5	Elective	
MISG218	Principles of Occupational Health and Safety	3	0	3	5	Elective	
MMSE201	Professional Ethics	3	0	3	5	Elective	
MISL223	General Business Administration	3	0	3	5	Elective	
MELK237	Sustainability and Environment	3	0	3	5	Elective	
MIKA242	Fundamentals of Effective	3	0	3	5	Elective	
MISG218	Principles of Occupational Health and Safety	3	0	3	5	Elective	
MBLP119	Computer Network Systems	3	0	3	5	Elective	
MBLP138	Fundamentals of Web Programming	3	0	3	5	Elective	
MBLP247	Occupational Safety in Information Technology	0	2	1	1	Elective	
MMOT105	Fundamentals of Mobile Programming	3	0	3	5	Elective	
MMOT223	Artificial Intelligence	3	0	3	5	Elective	
UNIVERSITY ELECTIVE							

Semester 4

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							
DEPARTMENTAL ELECTIVE							
MDSS212	Graduation Project	3	0	3	5	Elective	
MDSS210	Health Systems	3	0	3	5	Elective	
MDSS208	Web Applications in Healthcare	3	0	3	5	Elective	
MDSS209	Hospital Management Information Syst	3	0	3	5	Elective	
MDSSIU101	Workplace Applications I	3	0	3	5	Elective	
MDSSIU102	Workplace Applications II	3	0	3	5	Elective	
MDSSIU103	Workplace Applications III	3	0	3	5	Elective	
MDSSIU104	Workplace Applications IV	3	0	3	5	Elective	
MDSS207	New Technologies and Mobility in Healthcare	3	0	3	5	Elective	
MDSS208	Hospital Automation Systems	3	0	3	5	Elective	
FACULTY ELECTIVE							
MGRS201	Entrepreneurship Applications	3	0	3	5	Elective	
MGSA202	Fine Arts	3	0	3	5	Elective	
MISG218	Principles of Occupational Health and Safety	3	0	3	5	Elective	
MMSE201	Professional Ethics	3	0	3	5	Elective	
MISL223	General Business Administration	3	0	3	5	Elective	
MELK237	Sustainability and Environment	3	0	3	5	Elective	
MIKA242	Fundamentals of Effective	3	0	3	5	Elective	
MISG218	Principles of Occupational Health and Safety	3	0	3	5	Elective	
MBLP119	Computer Network Systems	3	0	3	5	Elective	
MBLP138	Fundamentals of Web Programming	3	0	3	5	Elective	
MBLP247	Occupational Safety in Information Technology	0	2	1	1	Elective	
MMOT105	Fundamentals of Mobile Programming	3	0	3	5	Elective	
MMOT223	Artificial Intelligence	3	0	3	5	Elective	
UNIVERSITY ELECTIVE							

Semester 5

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							

Semester 6

Code	Course Title	T	A	C	ECTS	Status	Prerequisite
SECOND FOREIGN LANGUAGE							



İSTANBUL
OKAN ÜNİVERSİTESİ

ASSOCIATE DEGREE CURRICULUM

DEPARTMENTAL ELECTIVE							
FACULTY ELECTIVE							
UNIVERSITY ELECTIVE							

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							