

**VOCATIONAL SCHOOL
DEPARTMENT OF CONSTRUCTION
PROGRAM OF SMART INFRASTRUCTURES TECHNICIAN
ASSOCIATE DEGREE CURRICULUM (2026-2027 FALL)**

Doküman Kodu: FR.OGR.200
Rev. No: 02
Yayın Tarihi: 25.06.1999
Revizyon Tarihi: 25.07.2023
Sayfa No: 1

Semester 1							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
ATA101	Ataturk's Principles and History of Re	2	0	2	2	Compulsory	
MING151	Basic English I	3	0	3	4	Compulsory	
MMAT105	General Mathematics	3	0	3	5	Compulsory	
MFIZ103	Fundamentals of Physics	3	0	3	5	Compulsory	
MAAS101	Introduction to Infrastructure Systems	3	0	3	5	Compulsory	
MINS126	Technical Drawing on Computer	3	0	3	6	Compulsory	
KYP001.09	Preparation for Business Life	0	2	1	1	Compulsory	
Total Credit					18	28	

Semester 2							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
ATA102	Ataturk's Principles and History of Revolution II	2	0	2	2	Compulsory	
MING152	Basic English II	3	0	3	4	Compulsory	
MHKD126	Introduction to Statistics	3	0	3	6	Compulsory	
MINS212	Occupational Health and Safety in Construction	3	0	3	6	Compulsory	
MELK105	Circuit Analysis	3	0	3	5	Compulsory	
MAAS121	Urban Information Systems	3	0	3	4	Compulsory	
MAAS122	Smart Infrastructure Communication Systems	3	0	3	4	Compulsory	
		Total Credit		20	31		

Semester 3							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
MTRD101	Turkish Language I	2	0	2	2	Compulsory	
MAAS201	Smart Energy Distribution Systems	3	0	3	5	Compulsory	
MHKD208	Geographic Information Systems	3	0	3	5	Compulsory	
MMEK111	Sensors and Transducers	3	0	3	5	Compulsory	
SECGNL3YY ELECTIVE/FACULTY ELECTIVE)	Elective Course I (DEPARTMENTAL ELECTION)	3	0	3	5	Elective	
SECGNL3Y Y ELECTIVE/FACULTY ELECTIVE)	Elective Course II (DEPARTMENTAL ELECTION)	3	0	3	5	Elective	
Total Credit						17	27

Semester 4							
Code	Course Title	T	A	C	ECTS	Status	Prerequisite
MTRD102	Turkish Language II	2	0	2	2	Compulsory	
MISG214	Graduation Project	3	0	3	4	Compulsory	
MAAS211	Infrastructure Transportation Systems	3	0	3	4	Compulsory	
MAAS212	Cyber Security	3	0	3	4	Compulsory	
SECGNL4YY	Elective Course III (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
SECGNL4YY	Elective Course IV (DEPARTMENTAL ELECTIVE/FACULTY ELECTIVE)	3	0	3	5	Elective	
MAAS213	Building Information Modeling	2	2	3	6	Compulsory	
MSTJ002	Internship	0	0	0	5	Compulsory	
	Total Credit	20	0	20	35		

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	75
TOTAL ECTS	121

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Semester 1

Semester 3

Semester 5

Semester 7

Semester 2

Semester 4

Semester 6

Semester 8

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