

**ISTINYE UNIVERSITY
(AUTOMATIVE TECHNOLOGY)**

1st SEMESTER					
CODE	COURSE	T	P	ECTS	Language of Instruction
ATA101	Ataturk's Principles And History of Turkish Revolution I	2	0	2	TR/EN
TRK101	Turkish Language-I	2	0	2	TR
DIL101	General English-I	2	0	2	EN
OTM101	Math	3	0	4	TR
OTM103	Basic Engine Technology	3	0	4	TR
OTM105	Material Information	3	0	4	TR
OTM107	Computer Aided Drawing	2	2	4	TR
	Program Elective Course	3	0	3	TR
	University Elective Course	3	0	5	TR/EN
TOTAL		23	2	30	

2nd SEMESTER					
CODE	COURSE	T	P	ECTS	Language of Instruction
ATA102	Ataturk's Principles And History of Turkish Revolution II	2	0	2	TR/EN
TRK102	Turkish Language-II	2	0	2	TR
DIL101	General English-II	2	0	2	EN
OTM102	Physical	3	0	3	TR
OTM104	Computer Aided Design	2	2	4	TR
OTM106	Internal Combustion Engines	3	0	3	TR
	Program Elective Course	3	0	3	TR
	University Elective Course	3	0	5	TR/EN
	Internship (Professional Work)	0	10	6	TR
TOTAL		20	12	30	

3rd SEMESTER					
CODE	COURSE	T	P	ECTS	Language of Instruction
OTM201	Thermodynamics	3	0	5	TR
OTM203	Vehicle Mechanics	3	0	5	TR
OTM205	Manufacturing Processes	2	2	6	TR
OTM207	Vehicle Suspension and Test Systems	3	0	5	TR
SEG001	Manifest of Istinye I	0	1	1	TR
	Program Elective Course	3	0	3	TR
	University Elective Course	3	0	5	TR/EN
TOTAL		17	3	30	

4th SEMESTER					
CODE	COURSE	T	P	ECTS	Language of Instruction
OTM202	Heat Transfer	3	0	5	TR
OTM204	Fuel and Emission Control Systems	3	0	5	TR
OTM206	Machine Elements	3	0	5	TR
OTM208	Service Equipment and Management	3	2	6	TR
SEG002	Manifest of Istinye II	0	1	1	TR
	Program Elective Course	3	0	3	TR
	University Elective Course	3	0	5	TR/EN
TOTAL		18	3	30	

DESCRIPTION
T: Theoric
P: Practice
ECTS: European Credit Transfer System
Language of Instruction: Defines the medium of the course regardless of the language of instruction of the department

Elective Major Area Courses					
CODE	COURSE	T	P	ECTS	Language of Instruction
OTM109	Measurement and Control	3	0	3	TR
OTM113	Automotive Workshop 1	1	2	3	TR
OTM115	Lubricants and Lubrication Systems	3	0	3	TR
OTM108	Automotive Workshop 2	1	2	3	TR
OTM110	Automotive Mechatronics	3	0	3	TR
OTM112	Vehicle Security Systems	3	0	3	TR
OTM209	Heating Cooling Systems	3	0	3	TR
OTM211	Engine Dynamics	3	0	3	TR
OTM213	Powertrains	3	0	3	TR
OTM210	Engine Test and Settings	3	0	3	TR
OTM212	Electric and Hybrid Vehicles	3	0	3	TR
OTM214	Robotic Applications	3	0	3	TR
MYO009	Total quality Management	3	0	3	TR
MYO010	Occupational health and Safety	3	0	3	TR
TOTAL					