

		Field-Specific Core Courses	-	PROGRAM QUALIFICATIONS (OUTCOMES)											
		General Common Courses													
		General Culture Elective Courses													
		Field-Specific Professional Knowledge Courses													
	COURSE CODE	COURSE NAME	AKTS	PY1	PY2	PY3	PY4	PY5	PY6	PY7	PY8	PY9	PY10	PY11	PY12
1. Year / 1. Semester	CHM101	G.Chemistry	5												
	ENG101	English I	3												
	PHY101	G. Physics I	5												
	MTH101	Mathematics I	5												
	MTH113	Linear Algebra	5												
	AI102	Programming and Problem Solving	5	5	4	5	5	4	4	2	2	2	1	1	3
	CAM100	Campus Orientation	2												
1. Year / 2. Semester	AI108	Object-Oriented Programming	6	5	4	5	5	4	4	2	2	2	1	1	3
	ENG102	English II	3												
	MTH102	Mathematics II	6												
	AI104	Discrete Structures	5												
	PHY102	G. Physics II	6												
	CAR100	Career	2												
	GEC351	21st Century Skills	2	1	2	1	1	4	1	5	5	5	5	5	2
2. Year / 1. Semester	AI201	Data Structures and Algorithms	6	5	4	5	5	4	4	2	2	2	1	1	3
	AI001	Logic Design	6	5	4	5	5	4	4	2	2	2	1	1	5
	AI020	System Analysis and Design	5	5	4	5	5	4	4	2	2	2	1	1	5
	AI427	Management for Engineers	5	1	1	1	1	5	1	5	4	5	5	5	3
	MTH251/MTH201	Probability and Statistics /	6												

		Differential Equations													
	YIT101/TUR101	Turkish for Foreign Students I	2												
2. Year / 2. Semester	AI1202	Database Management Systems	5	5	4	5	5	4	4	2	2	2	1	1	5
	AI1006	Web Design and Programming	4	5	4	5	5	4	4	2	2	2	1	1	5
	AI1426	Economics for Engineers	5	1	1	1	1	4	1	4	5	5	5	4	2
	AI1007	Multimedia Systems	5	5	4	5	5	4	4	2	2	2	1	1	5
	CIS222	Social Media Management and Automation	3	1	1	1	1	5	1	4	5	5	5	4	2
	YIT102/TUR102	Turkish for Foreign Students II / Turkish II	2												
	ISE299	Summer Traning I	6	5	4	5	5	4	4	2	2	2	5	1	5
3. Year / 1. Semester	AI1302	Operating Systems	6	5	4	5	5	4	4	2	2	2	1	1	5
	AI1004	Programing Languages I	7	5	4	5	5	4	4	2	2	2	1	1	5
	ENG201	Oral Communication Skills	4												
	AI1311	Management Information Systems for Engineers	7	1	1	1	1	5	1	4	5	5	5	4	2
	AI1439	Occupational Health and Safety I	4	1	1	1	1	4	1	4	5	5	5	4	2
	AIT103/ÄIT101	Principles of Atatürk and the History of Turkish Revolution I	2												
3. Year / 2. Semester	CS322	Web Application Development	4	5	4	5	5	4	4	2	2	2	1	1	5
	AI1303	Data Communication	5	5	4	5	5	4	4	2	2	2	1	1	5

		and Networking													
	ISE301	Geographic Information Systems	5	5	4	5	5	4	4	2	2	2	1	1	5
	AIİ003	Software Engineering	6	5	4	5	5	4	4	2	2	2	1	1	5
	CHC100	Cyprus: History and Culture	2	1	2	1	1	1	1	5	5	5	3	3	2
	AIT104/AİT102	Principles of Atatürk and the History of Turkish Revolution II	2												
	ISE399	Summer Traning II	6	5	4	5	5	4	4	2	2	2	5	1	5
4. Year / 1. Semester	AIİ428	eGovernment	5	5	4	5	5	4	4	2	2	2	1	2	5
	AIİ430	Principles of Information Security	6	5	4	5	5	4	4	2	2	2	1	4	5
	ISE491	Graduation Project I	4	5	4	5	5	4	4	2	2	2	1	2	5
	AIİ452	Artificial Intelligence Applications	3	5	4	5	5	4	4	2	2	2	1	1	5
	AIİ010	Safety in Informatics	2	5	4	5	5	4	4	2	2	2	1	4	5
	TE	Technical Elective	5	5	4	5	5	4	4	2	2	2	1	1	5
	TE	Technical Elective	5	5	4	5	5	4	4	2	2	2	1	1	5
4. Year / 2. Semester	AIİ429	Engineering Ethics	6	1	2	1	1	1	4	2	5	5	3	3	2
	ISE492	Graduation Project II	5	5	4	5	5	4	4	2	2	2	1	1	5
	AIİ422	Software Testing	4	5	4	5	5	4	4	2	2	2	1	1	5
	TE	Technical Elective	5	5	4	5	5	4	4	2	2	2	1	1	5
	TE	Technical Elective	5	5	4	5	5	4	4	2	2	2	1	1	5
	TE	Technical Elective	5	5	4	5	5	4	4	2	2	2	1	1	5

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