

ATILIM UNIVERSITY
FACULTY OF ENGINEERING
DEPARTMENT OF ELECTRICAL-ELECTRONICS ENGINEERING
UNDERGRADUATE CURRICULUM

YEAR 1

FIRST TERM

Course Code	Course Name	Credits	ECTS
MATH 157	Extended Calculus I	(4-2) 5	7.5
PHYS 101	Physics I	(3-2) 4	6.0
CEAC105	General Chemistry	(3-2) 4	5.0
COMPE 101	Int. To Computers and Programming	(2-2) 3	3.0
EE 101	Engineering Fundamentals	(1-0) 1	3.0
ENG 101	English Communication Skills I	(4-0) 4	3.5
Total credit for this semester		21	30.0

SECOND TERM

MATH 158	Extended Calculus II	(4-2) 5	7.5
PHYS 102	Physics II	(3-2) 4	6.0
EE 209	Circuit Analysis I	(4-2) 5	8.0
COMPE 102	Computer Programming	(2-2) 3	4.0
ENG 102	English Communication Skills II	(2-2) 3	4.0
Total credit for this semester		19	30.0

YEAR 2

THIRD TERM

MATH 275	Linear Algebra	(4-0) 4	6.0
MATH 211	Discrete Mathematics and Applications	(2-2) 3	4.0
EE 204	Probability and Random Processes	(3-0) 3	5.0
EE 201	Electronic Circuits I	(3-2) 4	6.0
EE 203	Digital Circuits & Systems	(3-2) 4	6.0
ENG 201	Advanced Communication Skills	(1-2) 2	3.0
Total credit for this semester		20	30.0

FOURTH TERM

MATH 276	Differential Equations	(4-0) 4	6.0
MATH 274	Complex Variables and Applications	(3-0) 3	6.0
EE 202	Electronic Circuits II	(3-2) 4	5.0
EE 206	Circuit Analysis	(3-2) 4	5.0
EE 208	Microprocessors	(3-2) 4	5.0
ENG 204	Report Writing Skills	(2-0) 2	3.0
Total credit for this semester		21	30.0

YEAR 3

FIFTH TERM

EE 303	Signals and Systems	(3-2) 4	7.0
EE 309	Engineering Electromagnetics	(3-0) 3	7.0
EE 312	Digital Integrated Circuits and Systems	(3-0) 3	5.5
COMPE 350	Numerical Methods	(3-0) 3	4.5
TURK 101	Turkish Language I	(2-0) 2	2.0
EE 399	Summer Practice I	NC	4.0
Total credit for this semester		15	30.0

SIXTH TERM

EE 301	Communication Systems	(3-2) 4	8.0
EE 306	Digital Signal Processing	(3-0) 3	8.0
MECE 306	Control Systems	(3-0) 3	5.0
EE 310	RF and Microwave Engineering	(3-2) 4	7.0
TURK 102	Turkish Language I	(2-0) 2	2.0
Total credit for this semester		16	30.0

YEAR 4

SEVENTH TERM

IE 305	Eng. Economic Analysis	(3-0) 3	5.0
EE 491	Design Project I	(0-2) 1	3.0
	Technical Elective*	3	5.0
	Technical Elective*	3	5.0
	Technical Elective*	3	5.0
	Humanities & Social Sciences Elective	3	5.0
HIST 101	Princ.of Atatürk & Hist. of Turk Rev.	(2-0) 2	2.0
Total credit for this semester		18	30.0

EIGHTH TERM

EE 492	Design Project II	(0-4) 2	3.0
	Technical Elective*	3	5.0
	Technical Elective*	3	5.0
	Technical Elective*	3	5.0
	Humanities & Social Sciences Elective	3	5.0
ORY 400	Participation in Social and Cultural Activities	0	1.0
HIST 102	Princ.of Atatürk & Hist. of Turk Rev.	(2-0) 2	2.0
EE 499	Summer Practice II	NC	4.0
Total credit for this semester		16	30.0

Total credit **146** **240**