



CYPRUS INTERNATIONAL UNIVERSITY

FACULTY OF ENGINEERING

DEPARTMENT OF ELECTRICAL AND ELECTRONIC ENGINEERING

Undergraduate Curriculum

1st Semester			2nd Semester		
CODE	COURSE NAME	CREDIT	CODE	COURSE NAME	CREDIT
EEE 100	Introduction to Electrical and Electronic Engineering	(1-0) 0	CPE 112	Introduction to Programming	(3-2) 4
CHM 110	General Chemistry	(3-2) 4	ENG 102	Reading and Writing Skills II	(2-2) 3
CPE 101	Introduction to Computing	(2-2) 3	MAT 102	Calculus II	(3-2) 4
ENG 101	Reading and Writing Skills I	(2-2) 3	MAT 122	Discrete Mathematics	(3-1) 3
MAT 101	Calculus I	(3-2) 4	PHY 101	General Physics I	(3-2) 4
MAT 121	Linear Algebra	(2-0) 2	TUR 101 / TUR 100	Introduction to Turkish / Turkish Language	(2-0) 0
HTR/ HCI 100	History of Modern Turkey/ History of Civilization	(2-0) 0			
TOTAL		16	TOTAL		18
3rd Semester			4th Semester		
CODE	COURSE NAME	CREDIT	CODE	COURSE NAME	CREDIT
EEE 221	Digital Logic Design	(3-2) 4	EEE 202	Circuit Theory I	(3-2) 4
MAT 203	Differential Equations	(3-1) 3	EEE 224	Electronic Properties of Materials	(3-0) 3
MAT 205	Int. To Prob. & Statistics	(4-1) 4	EEE 234	Electromagnetic Theory I	(3-1) 3
PHY 102	General Physics II	(3-2) 4	ILE 232	Engineering Economy	(3-0) 3
XXX XXX	Free Elective	(3-0) 3	MAT 202	Math. Methods for Eng.	(3-2) 4
			XXX XXX	Free Elective	(3-0) 3
TOTAL		18	TOTAL		20
5th Semester			6th Semester		
CODE	COURSE NAME	CREDIT	CODE	COURSE NAME	CREDIT
EEE 301	Circuit Theory II	(3-2) 4	EEE 324	Microprocessors	(3-2) 4
EEE 321	Signals and Systems	(3-2) 4	EEE 326	Linear Control Systems	(3-2) 4
EEE 331	Electromagnetic Theory II	(3-1) 3	EEE 342	Electronics II	(3-2) 4
EEE 341	Electronics I	(3-2) 4	EEE 344	Power Electronics	(3-2) 4
ENR 305	Introduction to Transformers and Rotating Machines	(3-1) 3	EEE 362	Communication Systems	(3-2) 4
TOTAL		18	TOTAL		20
7th Semester			8th Semester		
CODE	COURSE NAME	CREDIT	CODE	COURSE NAME	CREDIT
EEE 300	Summer Training	-	EEE 456	High Voltage Techniques	(3-1) 3
EEE 411	Robotics	(3-1) 3	EEE 464	Wireless Communication Systems	(3-1) 3
EEE 415	Program. Logic Controllers	(3-2) 4	EPR 402	Capstone Project	(2-4) 4
EEE 453	Electrical Machinery	(3-1) 3	EFE XXX	Faculty Elective	(3-0) 3
ENR 401	Power Transmission and Distribution	(4-1) 4	EFE XXX	Faculty Elective	(3-0) 3
EPR 401	Project Management	(3-0) 3			
EFE XXX	Faculty Elective	(3-0) 3			
TOTAL		20	TOTAL		16

Total Credit: 146

Total ECTS: 240

FACULTY ELECTIVE COURSES

CODE	DESCRIPTION	CREDIT	CODE	DESCRIPTION	CREDIT
EEE 322	Advanced Digital Electronics	(3-0)3	EEE 432	Microwave Theory and Design	(3-0)3
EEE 328	Introduction to Microcontroller Programming	(3-0)3	EEE 458	Electrical Engineering Design and Illumination	(3-0)3
EEE 403	Digital Control Systems	(3-1) 3	EEE 434	Biomedical Imaging	(3-0)3
EEE 404	Satellite Systems	(3-1) 3	EEE 463	Antennas and Propagation	(3-0)3
EEE 416	Power System Protection	(3-0)3	EEE 465	Communication Systems II	(3-0)3
EEE 420	Digital Signal Processing	(3-0)3	EEE 466	Fiberoptic Communications	(3-0)3
EEE 431	Computational Methods in Electromagnetics	(3-0)3	EEE 468	Image, Video and Speech Coding	(3-0)3