## YEDITEPE UNIVERSITY



GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES

## ELECTRICAL AND ELECTRONICS ENGINEERING PhD Program (on MSc)

		REMEDIAL COURSES		
Code	Cou	rse Name	CR.	ECTS
211	Elect	rical Circuits	NC	
212	Circu	uits and Systems	NC	
226	Fund	lamentals of Electromagnetics Fields	NC	
232	Intro	. To Electronics	NC	
241 Digit		al Circuits	NC	
242	Micr	oprocessor Systems	NC	
		PROGRAM COURSES	•	
Cod	e	Course Name	CR.	ECTS
		Departmental Elective I	3	10
		Departmental Elective II	3	10
		Departmental Elective III	3	10
		Departmental Elective IV	3	10
		Area Elective I	3	10
		Area Elective II	3	10
		Area Elective III*	3	10
690		PhD Seminar	NC	2
691		Independent Study for Qualifying Exam	NC	30
700		PhD Dissertation	NC	150
		TOTAL	21	252
•		EXTRA/NON-DEGREE COURSES	•	•
Cod	e	Course Name	CR.	ECTS
		Extra/Non-degree	NC	
	211 212 226 232 241 242 Cod 690 691 700	211 Elect   212 Circu   226 Fund   232 Intro   241 Digit   242 Micr     Code   690   691	CodeCourse Name211Electrical Circuits212Circuits and Systems226Fundamentals of Electromagnetics Fields232Intro. To Electronics241Digital Circuits242Microprocessor SystemsPROGRAM COURSESCodeCourse NameDepartmental Elective IDepartmental Elective IIDepartmental Elective IIIDepartmental Elective IIIArea Elective IArea Elective IArea Elective IIArea Elective III*690PhD Seminar691Independent Study for Qualifying Exam700PhD DissertationTOTALEXTRA/NON-DEGREE COURSES	CodeCourse NameCR.211Electrical CircuitsNC212Circuits and SystemsNC226Fundamentals of Electromagnetics FieldsNC232Intro. To ElectronicsNC241Digital CircuitsNC242Microprocessor SystemsNCPROGRAM COURSESCodeCourse NameCR.Departmental Elective I3Departmental Elective II3Departmental Elective III3Departmental Elective IV3Area Elective I3Area Elective II3Area Elective III*3690PhD SeminarNC700PhD DissertationNC700PhD DissertationNC700TOTAL21EXTRA/NON-DEGREE COURSESCodeCourse NameCR.

\* If a student did not take a research methods/methodologies course during MSc work, he/she shall take one of the courses in Research Methodologies instead of Area Elective III.

Course Group	Description		
Departmental Elective I-IV	Electrical and Electronics Engineering courses under the GSNAS.		
Area Elective I-III	All GSNAS courses in the elective pool offered by all departments.		
Research Methodologies	BTEC 550, ESYE 501.		
Extra/Non-degree	Optional non-credit (NC) courses that are not part of the program.		
Remedial Courses	Undergraduate level courses offered by department.		