

**ELECTRICAL AND ELECTRONICS ENGINEERING PhD Program (on BSc)**

REMEDIAL COURSES				
Dept.	Code	Course Name	CR.	ECTS
EE	211	Electrical Circuits	NC	
EE	212	Circuits and Systems	NC	
EE	226	Fundamentals of Electromagnetics Fields	NC	
EE	232	Intro. To Electronics	NC	
EE	241	Digital Circuits	NC	
EE	242	Microprocessor Systems	NC	
PROGRAM COURSES				
Dept.	Code	Course Name	CR.	ECTS
		Departmental Elective I	3	10
		Departmental Elective II	3	10
		Departmental Elective III	3	10
		Departmental Elective IV	3	10
		Departmental Elective V	3	10
		Departmental Elective VI	3	10
		Departmental Elective VII	3	10
		Departmental Elective VIII	3	10
		Area Elective I	3	10
		Area Elective II	3	10
		Area Elective III	3	10
		Area Elective IV	3	10
		Area Elective V	3	10
		Area Elective VI	3	10
EE	690	PhD Seminar	NC	2
EE	691	Independent Study for Qualifying Exam	NC	30
EE	700	PhD Dissertation	NC	150
		TOTAL	42	322
EXTRA/NON-DEGREE COURSES				
Dept.	Code	Course Name	CR.	ECTS
		Extra/Non-degree	NC	

Course Group	Description
Departmental Elective I-VIII	Electrical and Electronics Engineering courses under the GSNAS.
Area Elective I	BTEC550, ESYE501.
Area Elective II-VI	All GSNAS courses in the elective pool offered by all departments.
Extra/Non-degree	Optional non-credit (NC) courses that are not part of the program.
Remedial Courses	Undergraduate level courses offered by department.