Y E D I T E P E U N I V E R S I T Y



GRADUATE SCHOOL OF NATURAL AND APPLIED SCIENCES

MECHANICAL ENGERINEERING PhD Program (on BSc)

REMEDIAL COURSES					
Dept.	Code	Course Name	CR.	ECTS	
MĒ	211	Thermodynamics I	NC		
ME	241	Statics	NC		
ME	244	Dynamics	NC		
ME	246	Strength of Materials	NC		
ME	264	Materials Science for Mechanical Engineering	NC		
ME	324	Heat Transfer	NC		
ME	331	Fluid Mechanics	NC		
ME	343	Machine Elements I	NC		
ME	352	System Dynamics and Control	NC		
ME	445	Mechanical Vibrations	NC		
MATH	241	Differential Equations	NC		
		PROGRAM COURSES			
Dept.	Code	Course Name	CR.	ECTS	
ME	501	Engineering Analysis I	3	10	
ME	502	Engineering Analysis II	3	10	
		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	
		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	
		Area Elective VII	3	10	
ME	690	PhD Seminar	NC	2	
ME	691	Independent Study for Qualifying Exam	NC	30	
ME	700	PhD Dissertation	NC	150	
		TOTAL	42	322	
		EXTRA/NON-DEGREE COURSES			
Dept.	Cod		CR.	ECTS	
		Extra/Non-degree	NC		

Course Group	Description		
Departmental Elective I-V	Mechanical Engineering courses under the GSNAS		
Area Elective I	PHYS 514, ESYE 501.		
Area Elective II-VII	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.		