



MECHANICAL ENGINEERING PhD Program (on BSc)

REMEDIAL COURSES				
Dept.	Code	Course Name	CR.	ECTS
ME	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	
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.	Code	Course Name	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-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	Unrestricted, by approval of advisor and CSE department.