

COURSE INFORMATION					
Course Title	Code	Semester	L+P Hour	Credits	ECTS
MSc Thesis	PHYS 590	3 & 4			30

Prerequisites	-
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Language of Instruction	English
Course Level	MSc
Course Type	Compulsory
Course Coordinator	
Instructors	
Assistants	
Goals	The aim of this course is to work/study on a project about the fields of physics that the student has learned during the education.
Content	Finalizing the the project, report writing and presentation

Learning Outcomes	Teaching Methods	Assessment Methods
Has the ability to work on a project in physics in experimental or theoretical way.	1, 2, 3, 11, 16	D, E, G, H

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion, 11: Seminar, 16: Oral Exam
Assessment Methods:	D: Proje, E: Report, G:Presentation, H:Application

RECOMMENDED SOURCES	
Textbook	depends on the project
Additional Resources	

MATERIAL SHARING	
Documents	
Assignments	

Exams	
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ASSESSMENT		
IN-TERM STUDIES	NUMBER	PERCENTAGE
Report	1	85
Presentation	2	15
Total		100
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE		15
CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE		85
Total		100

COURSE CATEGORY	Expertise/Field Courses
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COURSE'S CONTRIBUTION TO PROGRAM						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1	Gets a sound base for the main fields of physics such as Classical Mechanics, Quantum Mechanics and Electromagnetism,					X
2	Gets the ability of interpreting, analysing, forming a synthesis and relationships between the main fields of physics and/or other sciences,					X
3	Obtains the education required for the measurements in scientific and technological areas and the contribution of physics in the industrial applications and on the macroscopic scale such as the society,					X
4	Follows the up-to-date scientific developments, makes the analysis/synthesis for the new ideas and evaluates them,					X
5	Uses the academic sources, the computer technology and the related devices,					X
6	Joins the working and research groups, also the scientific meetings, communicates well at the national and international level,					X
7	Gets the ability of creative and critical thinking, problem solving, researching, producing a new and original work, improving himself/herself in his/her own fields of interest,					X
8	Gains the concepts of ethics and responsibility. Undertakes the responsibility for the solutions to the problems related with his/her field as required for having an intellectual identity.					X

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration (Excluding the exam week: 14x Total course hours)	14	3	42
Hours for off-the-classroom study (Pre-study, practice)	14	50	700
Report	1	3	3
Presentation	1	3	3
Total Work Load			748
Total Work Load / 25 (h)			29.92
ECTS Credit of the Course			30