ABDULLAH GUL UNIVERSITY
INSTITUTE OF SCIENCE AND TECHNOLOGY
BIOENGINEERING DEPARTMENT
INFORMATION OF COURSE INTRODUCTION AND PRACTICE

Course Name	CODE	SEMESTER	I+P Hour	CREDIT	ECST
Basic Principles of Patent Practice	BENG526	Spring-Fall	3 + 0	3	7,5

Prerequisite Courses	None

Course Type	Elective
Course Language	English
Course Coordinator	İsmail Alper İşoğlu
Lecturers	İsmail Alper İşoğlu
Course Assistants	
Course Objectives	Making students familiar with principles of intellectual property rights (IPR)
Learning Outcomes	1 Students will learn the types of IPR 2 Students will be able to search patents data bases, to read and understand a patent application, to prepare claim drafting
Course Content	Trademark, industrial design, copyrights and related rights, patent search, claim drafting, economical value of IP

WEEKLY SUBJECTS AND RELATED PRELIMINARY PAGES

Week	Subjects	Preliminary
1	Introduction to IP	-
2	Trademark	-
3	Industrial Design	-
4	Copyright and Related Rights	-
5	Introduction to Patent Practice I	-
6	Introduction to Patent Practice II	-
7	Midterm	-
8	Patent search and strategies	-
9	How to analyze a patent document	-
10	How to write a patent (Abstract, Description)-I	-
11	How to write a patent (Case Study)-II	-
12	How to write a patent claim-I	-
13	How to write a patent claim (Case Study)-II	-
14	Economical value of IP for the companies	-
15	Student presentation	-
16	Final	-

RESOURCES

Course Notes	Notes and slides
Other Resources	TBA

MATERIAL SHARING

Documents	Lecture notes
Project	1 project
Exams	1 midterm and 1 final exam

RATING SYSTEM

SEMESTER WORKS	NUMBER	CONTRIBUTION
Midterm	1	30
Project	1	30
TOTAL		60

Success Rate of Semester		60
Success Rate of Final	1	40
TOTAL		100

Course Category	
Basic Sciences and Mathematics	%50
Engineering Sciences	%50
Social Sciences	%0

THE RELATIONSHIP BETWEEN THE LEARNING OUTCOMES AND PROGRAM COMPETENCE

No	Program Outcomes	Contribution Level				
		1	2	3	4	5
1	Understanding of Life Sciences, Mathematics and Engineering at the post-graduate level, and being able to implement of this knowledge into bioengineering problems				X	
2	Having the ability of developing a new scientific method or a technological product or process, and, designing experiments, implementing, collecting data and evaluating regarding these issues					X
3	Choosing technical equipment used in the applications related to bioengineering, having sufficient knowledge in adopting and using new technological equipment					X
4	Having the ability of reaching the information, using resources, contributing to the literature by transferring the process and results of scientific studies as written or verbally in the national and international environments				X	
5	Having the ability of working as an individual or a team, in the teams composed of discipline or different disciplines, gaining awareness of leadership and taking responsibility			X		
6	Having advanced level of foreign language knowledge to manage efficient verbal, written and visual communication in the major field					X
7	Having the understanding of ethics in science and the responsibility in profession with the awareness of lifelong learning, being beneficial to society and sensitiveness to global issues				X	
8	Being aware of the social impacts of the solutions and applications of the challenges regarding Bioengineering				X	

*From 1 to 5, it increasingly goes.

ECTS / WORK-LOAD TABLE

Activities	Activities	Duration (Hour)	Total (Work-Load)
Course Duration (Including exam week: 16x total course hour)	16	3	48
Out of Class Exercise Time (Pre-study, reinforcement)	16	7	112
Reading	14	2	28
Searching on Internet, library study	16	3	48
Material Designing, practice			
Preparation of report			
Preparation of presentation	2	10	20
Presentation	2	3	6
Projects	10	3	30
Midterms	1	3	3
Final	1	3	3
Total Work-Load			298
Total Work-Load / 30			298/30
Course ECTS Credit			7,5