T.C. ESKİŞEHİR OSMANGAZİ UNIVERSITY
ENGINEERING AND ARCHITECTURE FACULTY
MECHANICAL ENGINEERING DEPARTMENT

COURSE INFORMATION FORM

SEMESTER	Spring

COURSE CODE	151818690	COURSE NAME	Intellectual and Industrial Property Rights

SEMESTER	WEEKLY COURSE PERIOD			COURSE OF			
	Theory	Practice	Laboratory	Credit	ECTS	TYPE	LANGUAGE
8	2	0	0	2	3	COMPULSORY (X) ELECTIVE ( )	Turkish

COURSE CATAGORY			
Basic Science	Basic Engineering	Engineering Subjects [if it contains considerable design, mark with (√)]	Social Science

ASSESSMENT CRITERIA			
MID-TERM	Evaluation Type	Quantity	%
	Mid-Term	1	40
	Quiz		
	Homework		
	Project		
	Report		
	Others (……)		
FINAL EXAM		1	60

PREREQUIEITE(S)	Analytical thinking, problem solving, converting theoretical information into application, managing information, decision making
COURSE DESCRIPTION	This course is a general introduction to the current intellectual and industrial property rights in the field of patents and copyrights. In this course, the conditions and how to obtain intellectual and industrial property rights will be explained, the importance of using the patent database, technological developments and legislations will be explained by using visually and theoretically supported by applications.
COURSE OBJECTIVES	The aim of this course is to enable students to understand the basic concepts of IIPR rights and the theoretical basis of these concepts in Turkey and in the world, and to create awareness in the field of industrial property. Within the scope of this course, the reasons for the protection of the IIPR and their legal foundations will be examined, issues such as the emergence of new technologies, their effects on traditional law and life styles, the fact that business methods may be subject to patent rights, and the violation of copyrights due to data sharing will be covered. Undergraduate graduates who take this course can take the exams held by the Turkish Patent Institute and have the opportunity to work independently in the sector as a patent attorney and/or trademark attorney.
ADDITIVE OF COURSE TO APPLY PROFESSIONAL EDUATION	Students will be able to develop their field of expertise with this new information by being informed about the developments in the field of science and technology in all details.
COURSE OUTCOMES	The outputs of this course are to understand the role of intellectual property rights in socioeconomic development and to create scientific synergy with technology transfer.
TEXTBOOK	Suluk C. Karasu R. Nal T. (2020) Fikri Mülkiyet Hukuku

OTHER REFERENCES	6769 sayılı Sınai Mülkiyet Kanunu, 5846 sayılı Fikir ve Sanat Eserleri Kanunu, vs mevzuatlar
TOOLS AND EQUIPMENTS REQUIRED	Faculty computer hall, internet

COURSE SYLLABUS	
WEEK	**TOPICS**
1	Science and Technology Politics
2	What are intellectual rights? What are royalty rights and industrial rights?
3	Unfair competition, trade secrets and license agreements
4	Patent and utility model legislation
5	Patent application and specification preparation
6	Patent search and use of database
7	Hands-on work
8	Midterm
9	Design, research and application
10	Brand building, its importance, research and application
11	New technologies, new plant varieties, geographical indications and application
12	Unfair Competition, Know-How, Trade secrets and License agreements
13	Intellectual Property and Entrepreneurship
14	National legislation and international agreements in the field of intellectual property
15,16	Final Exam

NO	**PROGRAM OUTCOMES**	**3**	**2**	**1**
1	Sufficient knowledge of engineering subjects related with mathematics, science and own branch; an ability to apply theoretical and practical knowledge on solving and modeling of engineering problems.	**[ ]**	**[ ]**	**[X]**
2	Ability to determine, define, formulate and solve complex engineering problems; for that purpose an ability to select and use convenient analytical and experimental methods.	**[ ]**	**[ ]**	**[X]**
3	Ability to design a complex system, a component and/or an engineering process under real life constrains or conditions, defined by environmental, economical and political problems; for that purpose an ability to apply modern design methods.	**[ ]**	**[ ]**	**[X]**
4	Ability to develop, select and use modern methods and tools required for engineering applications; ability to effective use of information technologies.	**[ ]**	**[X]**	**[ ]**
5	In order to investigate engineering problems; ability to set up and conduct experiments and ability to analyze and interpretation of experimental results.	**[ ]**	**[ ]**	**[X]**
6	Ability to work effectively in inner or multi-disciplinary teams; proficiency of interdependence.	**[ ]**	**[ ]**	**[X]**
7	Ability to communicate in written and oral forms in Turkish/English; proficiency at least one foreign language.	**[ ]**	**[ ]**	**[X]**
8	Awareness of life-long learning; ability to reach information; follow developments in science and technology and continuous self-improvement.	**[X]**	**[ ]**	**[ ]**
9	Understanding of professional and ethical issues and taking responsibility	**[X]**	**[ ]**	**[ ]**
10	Awareness of project, risk and change management; awareness of entrepreneurship, innovativeness and sustainable development.	**[X]**	**[ ]**	**[ ]**
11	Knowledge of actual problems and effects of engineering applications on health, environment and security in global and social scale; an awareness of juridical results of engineering solutions.	**[X]**	**[ ]**	**[ ]**
1: None. **2**: Partially contribution. **3**: Completely contribution.				

Prepared by: Ergün Çetin **Date:** 02.11.2021

Signature(s):