Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
CNT108	Engineering Ethics	1	2	0	0	2	2

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Compulsory
Course Level	Bachelor Degree
Objective	The objective of this course is to introduce the students to the normative theories of ethics and to discuss the fundamental concepts and problems of the engineering ethics.
Content	Engineering ethics, professional ethics, moral reasoning, responsibility in engineering, how to frame moral problems, solving moral dilemmas, the social and moral dimension of technology, safety and reliability, risk taking in engineering, engineers and the environment, global problems.
References	Roland Schinzinger and Mike W. Martin, Introduction to Engineering Ethics, Mc Graw Hill, 2000. Charles E. Harris, Michael S. Pritchard, Micheal J. Rabbins, Engineering Ethics, Wadsworth, 2009.

Theory Topics

Week	Weekly Contents
1	Engineering and mora complexity
2	Utilitarianism
3	Respect for Human Beings
4	Rights Theory
5	Virtue ethics
6	Professions and codes of ethics
7	Engineering as social experimentation
8	Moral autonomy and accountability
9	Committment to safety
10	Work place Responsibilities and rights
11	Whistleblowing and Loyalty
12	Global Issues
13	Environmental ethics
14	Review