Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
CNT363	Engineering Ethics	5	2	0	0	2	2

Prerequisites	
Admission Requirements	

Language of Instruction	Turkish
Course Type	Elective
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, Michael J. Rabbins, Engineering Ethics, Wadsworth, 2009.

Theory Topics

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