

PHIL 2626 - Engineering Ethics

Fall 2026 Syllabus, Section 01, CRN 41095,

Credit hours: 3

Instructor

Milenko Budimir

Email: mbudimir@ysu.edu

Public Instructor Information

Instructor Title: Part time lecturer

Instructor Professional Qualifications: MA Philosophy, Cleveland State University; BEE, Cleveland State University

Instructor Office Location: Online

Instructor Office Phone: 330-941-3456

Course Description

2626. Engineering Ethics. An examination of ethical problems in the major fields of engineering and an explanation of the methodology needed to address them; an analysis of the rights and duties of engineers in their relations to clients, employers, the public, and the engineering profession.

Prereq.: One 2600-level PHIL course, or PHIL 1560 or ENTC 1505 or ENGR 1550. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Ethics Within Engineering	Wade Robison	

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/24	Introduction to the Course	Course intro	8/30 11:59 PM
8/31	Chp. 1: Introduction	Moral Relations	9/6 11:59 PM
9/7	Chp. 2: Analyzing Accidents	Accidents in engineering	9/13 11:59 PM
9/14	Moral theories	Moral theories	9/20 11:59 PM
9/21	Moral theories	Moral theories	9/27 11:59 PM
9/28	Chp. 3: Error-provocative designs	Analyzing accidents	10/4 11:59 PM
10/5	Chp. 4: Airliner crashes	Analyzing airline accidents	10/11 11:59 PM
10/12	Chp. 5: Moral Responsibility	Moral responsibility	10/18 11:59 PM
10/19	Chp. 6: Permitting, Encouraging, Provoking Errors	Errors in engineering	10/25 11:59 PM
10/26	First written assignment	Writing project: case study analysis	11/1 11:59 PM
11/2	Chp. 7: Harms and Design Solutions	Harm and design	11/8 11:59 PM
11/9	Chp. 8: Role Morality	Role morality	11/15 11:59 PM
11/16	Chp. 9: Forms of Life	Engineering roles	11/22 11:59 PM
11/23	Chp. 10: Working with and for Others	External ethical issues	11/29 11:59 PM
11/30	Chp. 11: Engineering and Ethics	Internal ethical issues	12/6 11:59 PM
12/7	Final exam	Final exam	12/13 11:59 PM

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.