

UNR4201 Professional Ethics and Practice Law**COURSE INFORMATION**

Prerequisites	Academic Year & Level		Teaching Methods			Credit Hrs.
	Year	Semester	Lecture	Tutorial	Laboratory	
90 Cr. Hr.	4	8	2			2

COURSE AIM

To get the students familiar with the engineering ethics from point of view of professionalism, codes of ethics, moral frameworks, engineering as social experimentation, safety/risk, workplace, honesty, environmental and global issues, examples of codes of ethics, case-studies

COURSE WEEKLY CONTENTS

- 1 Introduction to the course Ethics and Professionalism
- 2 Moral Reasoning and Codes of Ethics
- 3 Moral Frameworks
- 4 Engineering as Social Experimentation
- 5 Commitment to Safety
- 6 Workplace Responsibilities and Rights
- 7 Honesty
- 8 Environmental Ethics
- 9 Global Issues
- 10 Engineers and Technological Progress
- 11 General Resources on Engineering Ethics
- 12 Examples of Codes of Ethics (ABET, IEEE, etc.)
- 13 Preparation for the Professional Practice Exam (PPE), a requirement for students who want to become professional engineers.
- 14 Case Studies
- 15 Case Studies

STUDENT GRADING & ASSESSMENT

Weeks	Exams	Assign.	Quizzes	Reports	Present.	Lab.	Total
1 to 7	←		30	MARKS		→	30
8 to 12	←		20	MARKS		→	20
1 to 15	←		10	MARKS		→	10
16 or 17	40	Final					40

REFERENCES

Textbook Martin M.W., Schinzinger R., *Ethics in Engineering*, 4th Ed., McGraw-Hill, NY