



**Course Descriptor**  
**[PHIL2001 Professional Ethics]**

<b>Proposed Academic Year</b>	2019-2020	<b>Last Reviewed Academic Year</b>	2020-2021
<b>Course Code</b>	PHIL2001	<b>Course Title</b>	Professional Ethics
<b>Credit hours</b>	4	<b>Level of study</b>	Undergraduate
<b>College / Centre</b>	College of Engineering	<b>Department</b>	Civil & Environmental Engineering
<b>Co-requisites</b>		<b>Pre-requisites</b>	

**1. COURSE OUTLINE**

[This course is an introduction to the ethical issues related with professional life. It informs students what a profession is and what it means to act professionally. This course enhances students to identify and analyze ethical issues and dilemmas associated with work and also enable them to reach a reasoned conclusion. Topics include: basic understanding of ethical concepts and theories; professions and professionals; ethical decision making process; ethical issues related with healthcare, business, technology, industry and environmental issues]

**2. AIMS**

[The aim of this course is to examine the relationship between ethics and professional life. It improves students understanding about what a profession is and what it means to act professionally. It places ethical issues within a professional context which is further subjected to analysis and decision making process, provides a general awareness of work related ethical dilemmas and enables students to reason towards a satisfactory conclusion]

**3. LEARNING OUTCOMES (Definitive) and TEACHING, LEARNING and ASSESSMENT METHODS**

<b>Learning Outcomes (Definitive)</b>	<b>Teaching and Learning methods (Indicative)</b>	<b>Assessment (Indicative)</b>
Upon successful completion of this course, students will be able to:		
1. Understand ethics and the professions	<ul style="list-style-type: none"> <li>Lectures</li> <li>Power point presentations</li> <li>Case Studies &amp; Group discussion</li> </ul>	<ul style="list-style-type: none"> <li>Exam</li> <li>Participation</li> </ul>
2. Identify ethical theories and concepts	<ul style="list-style-type: none"> <li>Lectures</li> <li>Power point presentations</li> <li>Case Studies &amp; Group discussion</li> </ul>	<ul style="list-style-type: none"> <li>Exam</li> <li>Participation</li> </ul>
3. Analyze corporate ethical issues	<ul style="list-style-type: none"> <li>Lectures</li> <li>Power point presentations</li> <li>Case Studies &amp; Group discussion</li> </ul>	<ul style="list-style-type: none"> <li>Exam</li> <li>Participation</li> </ul>
4. Evaluate ethics in technology	<ul style="list-style-type: none"> <li>Lectures</li> <li>Power point presentations</li> <li>Case Studies &amp; Group discussion</li> </ul>	<ul style="list-style-type: none"> <li>Exam</li> <li>Participation</li> </ul>
5. Describe social and	<ul style="list-style-type: none"> <li>Lectures</li> </ul>	<ul style="list-style-type: none"> <li>Exam</li> </ul>



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environmental responsibilities	<ul style="list-style-type: none"> <li>• Power point presentations</li> <li>• Case Studies &amp; Group discussion</li> </ul>	<ul style="list-style-type: none"> <li>• Participation</li> <li>• Project</li> </ul>
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### 4. ASSESSMENT WEIGHTING

Assessment	Percentage of final mark (%)
Assignment & Participation	20%
Quiz	20%
Midterm	20%
Final Exam	40%
<b>TOTAL</b>	<b>100%</b>

### 5. ACHIEVING A PASS

Students will achieve 4 credit hour for this course by passing ALL of the course assessments (Assignments, Quiz, Midterm and Final examinations) and achieving a minimum overall score of 50.

***NB \*Ensure that ALL learning outcomes are taken into account***

### 6. Course Delivery Plan

LECTURE TOPIC	TIME (HOURS)
<b>Chapter 1 - Ethics and the Professions</b>	
Professions and Professionals; Ethical Decision Making Process	4
Objectivity and Justifying Ethical Decisions	4
<b>Chapter 2 - Basic Ethical Theories</b>	
Act-utilitarianism; Rule-utilitarianism	4
Classical deontology; Deontological theories of W.D.Ross and John Rawls	4
<b>Chapter 3 - Central Concepts of Ethics</b>	
Autonomy; Beneficence and Non-maleficence	4
Paternalism & Rights and Right Action	4
<b>Chapter 4 - Engineers in Organizations</b>	
Being Morally Responsible in an Organization	3
Proper Engineering and Management Decisions	2
Responsible Organizational Disobedience	3
<b>Chapter 5 - The Social and Value Dimensions of Technology</b>	
Socially Conscious Engineer	3



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Technological Optimism/Pessimism	2
Computer Technology	3
Engineering Responsibility	3
The Social Embeddedness of Technology	3
Ethical Issues in Design	2
<b>Chapter 6 - International Engineering Professionalism</b>	
Boundary-crossing problems for engineers	2
Low levels of economic development countries: Problem of exploitation, bribery, extortion and grease payments, nepotism, excessively large gifts, and paternalism	6
<b>Revision</b>	4
<b>TOTAL HOURS</b>	<b>60</b>
Plus <b>RECOMMENDED INDEPENDENT STUDY HOURS</b>	<b>120</b>
<b>TOTAL COURSE HOURS</b>	<b>180</b>

**7. RECOMMENDED READING**

**Core text/s:**

- 1. Ethics and the Professions, David Appelbaum & Sarah Verone Lawton, 1990, Prentice-Hall, Inc., New Jersey, ISBN: 0-13-291659-2**
- 2. Ethics for the Professions, John Rowan and Samuel Zinaich, Jr. eds., 2003, Wadsworth, Belmont, California. ISBN: 9780155069992**
- 3. ENGINEERING ETHICS- Concepts and Cases, CHARLES E. HARRIS, MICHAEL S. PRITCHARD and MICHAEL J. RABINS, Cengage Learning; 5 edition, January 9, 2013, ISBN: 978-1133934684**

**Library + online resources:**