



Module Description

Module name	Ethics
Module level, if applicable	Bachelor of Informatics
Code, if applicable	21D12120902
Subtitle, if applicable	-
Course, if applicable	-
Semester(s) in which the module is taught	4 th
Person responsible for the module	Dr. Ir. Rhiza Samsoe'oad Sadjad, MS.EE
Lecturer	<ol style="list-style-type: none"> 1. Dr. Ir. Rhiza Samsoe'oad Sadjad, MS.EE 2. Prof. Dr. Ir. H Ansar Suyuti, MT.,IPU 3. Ir. Christoforus Yohannes, MT. 4. Dr.Eng. Ir. D e w i a n i, MT. 5. Dr.Eng. Intan Sari Areni, ST.,MT. 6. Dr.Eng. Ir. Zulkifli Tahir, ST.,M.Sc.
Language	Indonesian Language [Bahasa Indonesia]
Relation to Curriculum	This course is a compulsory course and offered in the 4 th semester.
Type of teaching, contact hours	Teaching methods: [group discussion], [collaborative learning], [problem-based learning]. Teaching forms: [lecture]. CH : 08.00 - 16.00
Workload	For this course, students are required to meet a minimum of 90.67 hours in one semester, which consist of: - 26.67 hours for lecture, - 32 hours for structured assignments, - 32 hours for private study.



Credit points	2 credit points (equivalent with 3.4 ECTS)
Requirements according to the examination regulations	Students have participated in at least 80% of the learning activities (Academic Regulations, Chapter VII)
Recommended prerequisites	-
Module objectives/intended learning outcomes	<p>After completing the course, Students are able:</p> <p>Intended Learning Outcomes (ILO):</p> <p>ILO 1 : Have the knowledge of fundamental in Computing Science that includes basic theory and concepts of computer science, Mathematics and Statistics, Programming Algorithm, Software Engineering, Information Management and Digital Resilience, also the advance topics of either Artificial Intelligence, Data Science, Computer Network, Cloud Computing or Internet of Things.</p> <p>ILO 5 : Accomplish the tasks within their professional responsibilities based on legal and ethical principles</p> <p>ILO 7 : Perform a logical systematic procedure to solve problems, then communicate their ideas in a convincing and effective manner, either in written or orally, to propose solutions.</p> <p>ILO 8 : Aware of the dynamics of Information Technology and acknowledge the different points of view of others that includes beliefs, cultures, ideas and original inventions.</p> <p>Course Learning Objective (CLO):</p> <p>After attending the Ethics Course for one semester, students are expected to have the basic knowledge of professional ethics and are able to solve problems and tasks based on the principles of professional ethics, both in independent and group work, as members and leaders. Students also have the ability to communicate ideas to provide solutions in accordance with professional</p> <p>Sub CLO :</p> <p>ILO 8 ⇒ CLO 1 : Students have the knowledge and the understanding of the basic concepts of humans, the universe, philosophy, and ethics.</p>



	<p>ILO 5 ⇒ CLO 2 : Students are able to complete tasks with ethical principles, professional and engineer code of ethics, professional competence and integrity.</p> <p>ILO 1 ⇒ CLO 3 : Students have basic knowledge of ethics in engineering and computer science.</p> <p>ILO 7 ⇒ CLO 4 : Students are able to communicate ideas based on ethics and professionalism.</p>
Content	<p>Students will learn about :</p> <ol style="list-style-type: none"> 1. Humans and the universe 2. Philosophy and Ethics 3. Scientific ethics 4. Ethics in engineering 5. Profession and professionalism 6. Professional Code of Ethics 7. Professional and public interest 8. Engineer's rights and obligations 9. Engineer competence and integrity 10. Professional and engineer code of ethics
Forms of Assessment	<p>Assessment techniques: [observation], [written test].</p> <p>Assessment forms: [quiz], [final term exam], [assignment].</p> <p>Quiz = 60%, Mid/Final term exam = 30%, Assignment = 10%</p> <p>CLO 1 ⇒ ILO 8: Quiz 10% + Exam 5% (Quiz and Final term exam: written test)</p> <p>CLO 2 ⇒ ILO 5: Quiz 35%+ Exam 15% (Quiz and Final term exam: written test)</p> <p>CLO 3 ⇒ ILO 1: Quiz 15%+ Exam 10% (Quiz and Final term exam: written test)</p> <p>CLO 4 ⇒ ILO 7: Assignment 10% (Assignment: observation)</p>
Study and examination requirements and forms of examination	<p>Study and examination requirements:</p> <ul style="list-style-type: none"> - Students must attend 15 minutes before the class starts. - Students must switch off all electronic devices. - Students must inform the lecturer if they will not attend the class due to sickness, etc. - Students must submit all class assignments before the deadline. - Students must attend the exam to get final grade.



	<p>Form of examination: Written test</p>
Media employed	Video conference, Slide Presentation, Learning Management System (LMS).
Reading list	<p>Main :</p> <ol style="list-style-type: none"> 1. I Putu Jati Arsana, Etika Profesi Insinyur, Membangun Sikap Profesionalisme Sarjana Teknik, deepublish, 2016