**Bachelor in Electronics and Instrumentation**

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**MODULE HANDBOOK**

| Module name | **Professional and Entrepreneurial ethics** | | | |
|---|---|---|---|---|
| Module level | Undergraduate | | | |
| Code | MIE - 214003 | | | |
| Courses (if applicable) | Professional and Entrepreneurial ethics | | | |
| Semester | Fall (Odd) | | | |
| Contact person | Bambang Nurcahyo Prastowo | | | |
| Lecturer | Bambang Nurcahyo Prastowo | | | |
| Language | Bahasa Indonesia & English | | | |
| Relation to curriculum | 1. Undergraduate degree program, compulsory, 5th semester.<br>2. International undergraduate program, compulsory, 5th semester. | | | |
| Type of teaching, contact hours | 1. Undergraduate degree program: lectures, < 60 students,<br>2. International undergraduate program: lectures, < 30 students. | | | |
| Workload | 1. Lectures: 2 x 50 = 100 minutes (1 hours 10 menit) per week.<br>2. Exercises and Assignments: 2 x 50 = 100 minutes per week.<br>3. Private study: 2 x 50 = 100 minutes per week. | | | |
| Credit points | 2 credit points (sks). | | | |
| Requirements according to the Examination regulations | A student must have attended at least 75% of the lectures to sit in the exams. | | | |
| Recommended prerequisites | - | | | |
| Learning outcomes (course outcomes) and their corresponding PLOs | After completing this module, a student is expected to:<br>CO1  Students are able to to provide students with a strong understanding of professional ethics.<br>CO2  To equip students with practical skills and experiences for making ethical decisions in their professional lives.<br>CO3  To enable students to apply ethical principles in various contexts, including working as independent professionals, within institutional settings, or as entrepreneurs.<br>CO4  To develop students' ability to distinguish between right and wrong actions and to act ethically in their chosen fields. | | | |

| PLO | | CO1 | CO2 | CO3 | CO4 |
|---|---|---|---|---|---|
| Program Learning | **PLO1** | | | | |
| | **PLO2** | √ | | | |
| | **PLO3** | | √ | | |

| | Outcome (PLO) | **PLO4** | | | √ | √ | |
|---|---|---|---|---|---|---|---|
| | | **PLO5** | | | | √ | |

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| Contents | Module 1: Introduction to Professional Ethics<br>• Definition and importance of professional ethics<br>• Historical perspectives on ethics in various professions<br>• Ethical theories and frameworks<br>Module 2: Ethical Decision-Making<br>• Steps in ethical decision-making<br>• Ethical dilemmas and their resolution<br>• Case studies illustrating ethical decision-making<br>Module 3: Ethics in the Workplace<br>• Code of ethics and its significance<br>• Balancing personal values and professional obligations<br>• Handling conflicts of interest and maintaining integrity<br>Module 4: Ethics in Organizational Contexts<br>• Ethical considerations within institutions and corporations<br>• Responsibilities of employees and employers<br>• Corporate social responsibility and ethical business practices<br>Module 5: Ethical Leadership and Professional Conduct<br>• Traits of ethical leaders<br>• Leading by example and promoting ethical behavior<br>• Navigating ethical challenges in leadership roles<br>Module 6: Ethics in Emerging Fields and Technology<br>• Addressing ethical concerns in evolving industries<br>• Implications of technology on professional ethics<br>• Ethical considerations in data privacy, AI, and automation<br>Module 7: Global and Cultural Perspectives on Ethics<br>• Cross-cultural variations in ethical norms<br>• Ethical challenges in international business<br>• Developing a global ethical mindset<br>Module 8: Capstone Project<br>• Applying ethical principles to a real-world scenario<br>• Formulating ethical guidelines and recommendations<br>• Presenting the project and engaging in ethical discussions |
| Study and examination requirements and forms of examination | The evaluation is done in 3 forms, namely:<br>1. Trial, either midterm or semester test,<br>2. Four tasks, individual assignments to be completed within a certain timeframe, and<br>3. Two quizzes, held on face-to-face, once before midterm exam and once after midterm exam, with a short answer form.<br><br>Assessment is done using benchmark assessment, with the aim of measuring the level of student understanding related to the target and class rank. |
| Media employed | LCD, blackboard, and websites. |
| Assessments and | |

| Evaluation | Type | Percentage | CO1 | CO2 | CO3 | CO4 |
|---|---|---|---|---|---|---|
| | Quiz | 5 % | | √ | √ | √ |
| | Individual Task | 20 % | √ | √ | √ | |
| | Project Task | 15 % | | | √ | √ |
| | Midterm Exam | 30 % | √ | √ | √ | |
| | Final Exam | 30 % | | | √ | √ |
| | **Total** | 100% | | | | |
| Reading List | [1] Reynold, G.W., Ethics in Information Technology | | | | | |