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MODULE HANDBOOK

Module name	**Internships**
Module level	Undergraduate
Code	MIE21-3006
Courses (if applicable)	
Semester	Fall (Odd) and Even
Contact person	Head of study program
Lecturer	Academic advisor
Language	English and Bahasa Indonesia
Relation to curriculum	Undergraduate degree program, mandatory, 5th semester
Type of teaching, contact hours	
Workload	1. internship: 360 x 5 = 1800 minutes (30 hours) per week. 2. Exercises and Assignments: 2 x 50 = 100 minutes (1 hours and 40 minutes) per week. 3. Private study: 3 x 60 = 180 minutes (3 hours) per week.
Credit points	3 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
Mandatory prerequisites	MIE21-3004
Learning outcomes and their corresponding PLOs	After completing this module, a student is expected to: CO-1 Students gain practical understanding of the Electronics and Instrumentation industry and relevant jobs. CO-2 Students are able to develop the technical skills and soft skills needed in the professional world
Content	Students are able to undergo internships in the industry as a means to strengthen theoretical mastery and apply skills in the field of electronics and instrumentation.

PLO		CO1	CO2
Program Learning Outcome (PLO)	**PLO1**		
	PLO2	√	
	PLO3		√
	PLO4	√	√
	PLO5	√	√

<table>
<tr><td>Study and examination requirements and forms of examination</td><td>

- Project
- Presentation

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<tr><td>Media employed</td><td>LCD, whiteboard, websites (eLisa).</td></tr>
<tr><td>Assessments and Evaluation</td><td>

<table>
<tr><th>Type</th><th>Percentage</th><th>CO1</th><th>CO2</th></tr>
<tr><td>Project</td><td>10 %</td><td>√</td><td>√</td></tr>
<tr><td>Presentation</td><td>20 %</td><td>√</td><td>√</td></tr>
<tr><td>Total</td><td>100%</td><td></td><td></td></tr>
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<tr><td>Reading List</td><td>Richard L. Shall, Handbook of Industrial Automation,Marcel Dekker , 2000

S. Sen, Industrial Automation and Control, NPTEl, 2017.</td></tr>
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