

**UNDERGRADUATE PROGRAM IN COMPUTER SCIENCE
DEPARTMENT OF COMPUTER ENGINEERING
FACULTY OF INTELLIGENT ELECTRICAL AND INFORMATICS TECHNOLOGY**

Module name	Pre-Final Project	
Module level	Undergraduate	
Code	EC184701	
Courses (if applicable)	Pre-Final Project	
Semester	7 / Fall (Gasal)	
Contact person	Dr. I Ketut Eddy Purnama, S.T, M.T.	
Lecturer	Dr. I Ketut Eddy Purnama, S.T, M.T.	
Language	Indonesia / English	
Relation to curriculum	Undergraduate degree program, mandatory, 7 th semester.	
Type of teaching, contact hours	Lecture, < 60 students, 170 MENIT * 3 SKS	
Workload	<ol style="list-style-type: none"> 1. Lectures: 2 x 50 = 100 minutes (1.6 hours) per week. 2. Exercises and Assignments: 2 x 60 = 120 minutes (2 hours) per week. 3. Private study: 2 x 60 = 120 minutes (2 hours) 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.	
Mandatory prerequisites	<ol style="list-style-type: none"> 1. Student has passed Evaluation I and II 2. Student has completed a minimum study load of 118 credits (including 6 practical credits in semester 3 to semester 6 and has passed 2 credits of Pre-Final Project courses) with GPA \geq 2.0 without an E grade and without a D grade for certain subjects 	
Learning outcomes and their corresponding PLOs	<p>CLO-1 Student is able to explain basic concepts according to the scientific field that has been studied, which are used in the chosen topic.</p> <p>CLO-2 Student can explain background and problems that give rise to ideas of choosing topic.</p> <p>CLO-3 Students can explain the purpose and urgency of the chosen topic in solving problems.</p> <p>CLO-4 Student can explain the availability of data (and how to obtain it) as well as the availability of equipment needed in the implementation of Final Project.</p> <p>CLO-5 Student is able to explain methods used in solving problems and basic concepts related to them.</p> <p>CLO-6 Students can explain the added value given from the Final Project which is done in solving problems and compared with existing solutions.</p>	<p>PLO-3</p> <p>PLO-4</p> <p>PLO-4</p> <p>PLO-8</p> <p>PLO-4</p> <p>PLO-3</p>

	CLO-7 Able to demonstrate awareness of project management and business practices through effective communication strategies, interdisciplinary teamwork, professional and ethical responsibilities, and being able to engage in lifelong independent learning.	PLO-9
Content	In this course, students will study and implement the stages in conducting research. Students learn to make Final Project proposals and make research documentation in the form of Final Project reports.	
Study and examination requirements and forms of examination	<ul style="list-style-type: none"> • In-class exercises • Quiz 1 and 2 • Assignment 1, 2, 3 • Mid-term examination • Final examination 	
Media employed	LCD, whiteboard, websites (myITS Classroom).	
Assessments and Evaluation	CO-1: Question no 1 in midterm exam (10%) CO-2: Question no 2 in midterm exam (10%) CO-3: Question no 3 in midterm exam (10%), quiz 1 (5%) CO-4: Assignment 1 (5%), question no 4 in midterm exam (10%), Quiz 2 (5%) CO-5: Question no 1 in final exam (10%), question no 2 in final exam (10%) CO-6: Assignment 2 (5%), question no 3 in final exam (10%) CO-7: Assignment 3 (5%), question no 4 in final exam (5%)	
Reading List	Final Project Writing Guidelines (Pedoman Penulisan Tugas Akhir)	