	Universitas Negeri Surabaya **Faculty of Engineering,** **Undergraduate Study Program in Informatics Engineering**	**Document Code**

SEMESTER LEARNING PLAN				

Courses	**CODE**	**Course Family**	**Credit Weight**			**SEMESTER**	**Compilation Date**
Project Management and Software Quality	5520203040		**T=3**	**P=0**	**ECTS=4.77**	7	July 17, 2024

AUTHORIZATION	**SP Developer**	**Course Cluster Coordinator**	**Study Program Coordinator**
	....	....	Aditya Prapanca, S.T., M.Kom.

Learning model	**Project Based Learning**

Program Learning Outcomes (PLO)	**PLO study program that is charged to the course**
	Program Objectives (PO)
	PLO-PO Matrix

	P.O

PO Matrix at the end of each learning stage (Sub-PO)

P.O	Week															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Short Course Description	Project management and software quality courses are held with the hope that students can understand and be able to apply project management principles thoroughly and correctly. The material is divided into three large parts, namely: concepts and areas of project management science: project behavior and dynamics, project and functional management, professions and areas of project management science, system concepts and integrated management of project feasibility and investment decisions: feasibility studies and market aspects, aspects technical, financial aspects, socio-economic aspects, project funding, environmental impact analysis and project planning, tools and participants: strategic planning and project operations, time and network planning, planning methods and techniques for preparing schedules and resources

References	**Main :**
	1. Project Management Institute. 2004. A Guide to the Project Management Body of Knowledge 4th Edition. Project Management Institute, Inc
	Supporters:

Supporting lecturer	I Kadek Dwi Nuryana, S.T., M.Kom. Ramadhan Cakra Wibawa, S.Pd., M.Kom.

Week-	**Final abilities of each learning stage (Sub-PO)**	**Evaluation**		**Help Learning, Learning methods, Student Assignments, [Estimated time]**		**Learning materials [References]**	**Assessment Weight (%)**
		Indicator	**Criteria & Form**	**Offline (offline)**	**Online (online)**		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

No	Learning Outcome	Student Activity	Form of Assessment	Learning Method			Weight
1	understand the lecture system, assessment system, and lecture rules, understand the aims and objectives of project management	Students record all information concisely in a log book		Lectures and Questions and Answers 3 X 50			0%
2	Understand the scope of project management	Students actively respond to the material provided by asking questions and discussing.		Lectures, questions and answers and solving 3 X 50 questions			0%
3	Understand the aims and objectives of project management in an IT context	Students actively respond to the material provided by asking questions and discussing.		Lectures, questions and answers and solving 3 X 50 questions			0%
4	Understand the aims and objectives of project planning	Students actively respond to the material provided by asking questions and discussing.		Lectures, questions and answers and solving 3 X 50 questions			0%
5	Understand the aims and objectives of project integration management	Students actively respond to the material provided by asking questions and discussing.		Lectures, questions and answers and solving 3 X 50 questions			0%
6	Understand the aims and objectives of project time management	Students actively respond to the material provided by asking questions and discussing.	**Form of Assessment** : Participatory Activities	Lectures, questions and answers and solving 3 X 50 questions			25%
7	Understand the aims and objectives of project cost management	Students actively respond to the material provided by asking questions and discussing.		Lectures, questions and answers and solving 3 X 50 questions			0%
8	Able to understand better the material from weeks 1 to 7.	Students are able to solve questions well		Written exam for meeting material 1 to 7 3 X 50			0%
9	Able to implement time and cost management in case studies	Students actively respond to the material provided by asking questions and discussing.	**Form of Assessment** : Participatory Activities	Lectures, questions and answers and solving 3 X 50 questions			25%
10	Understand the aims and objectives of project quality management	Students actively respond to the material provided by asking questions and discussing.		Lectures, questions and answers and solving 3 X 50 questions			0%

No	Sub-PO	Indicator	Assessment Criteria	Learning Method			Percentage
11	Understand the aims and objectives of project communication management	Students actively respond to the material provided by asking questions and discussing.		Lectures, questions and answers and solving 3 X 50 questions			0%
12	Understand the aims and objectives of project risk management	Students actively respond to the material provided by asking questions and discussing.		Lectures, questions and answers and solving 3 X 50 questions			0%
13	Understand the aims and objectives of project procurement management	Students actively respond to the material provided by asking questions and discussing.	**Form of Assessment** : Participatory Activities	Lectures, questions and answers and solving 3 X 50 questions			25%
14	Understand the aims and objectives of project stakeholder management	Students actively respond to the material provided by asking questions and discussing.	**Form of Assessment** : Project Results Assessment / Product Assessment	Lectures, questions and answers and solving 3 X 50 questions			25%
15	Able to apply project management concepts through project proposals	Students are able to solve each question in discussion		Group discussion and presentation 3 X 50			0%
16	Able to understand better the material from weeks 9 to 15.	Students are able to answer convincingly questions or questions from the lecturer.		Written exam for material 9 to 15 3 X 50			0%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Participatory Activities	75%
2.	Project Results Assessment / Product Assessment	25%
		100%

Notes

1. **Learning Outcomes of Study Program Graduates (PLO - Study Program)** are the abilities possessed by each Study Program graduate which are the internalization of attitudes, mastery of knowledge and skills according to the level of their study program obtained through the learning process.
2. **The PLO imposed on courses** are several learning outcomes of study program graduates (CPL-Study Program) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
3. **Program Objectives (PO)** are abilities that are specifically described from the PLO assigned to a course, and are specific to the study material or learning materials for that course.
4. **Subject Sub-PO (Sub-PO)** is a capability that is specifically described from the PO that can be measured or observed and is the final ability that is planned at each learning stage, and is specific to the learning material of the course.
5. **Indicators for assessing** ability in the process and student learning outcomes are specific and measurable statements that identify the ability or performance of student learning outcomes accompanied by evidence.
6. **Assessment Criteria** are benchmarks used as a measure or measure of learning achievement in assessments based on predetermined indicators. Assessment criteria are guidelines for assessors so that assessments are consistent and unbiased. Criteria can be quantitative or qualitative.
7. **Forms of assessment:** test and non-test.
8. **Forms of learning:** Lecture, Response, Tutorial, Seminar or equivalent, Practicum, Studio Practice, Workshop Practice, Field Practice, Research, Community Service and/or other equivalent forms of learning.
9. **Learning Methods:** Small Group Discussion, Role-Play & Simulation, Discovery Learning, Self-Directed Learning, Cooperative Learning, Collaborative Learning, Contextual Learning, Project Based Learning, and other

equivalent methods.
10. **Learning materials** are details or descriptions of study materials which can be presented in the form of several main points and sub-topics.
11. **The assessment weight** is the percentage of assessment of each sub-PO achievement whose size is proportional to the level of difficulty of achieving that sub-PO, and the total is 100%.
12. TM=Face to face, PT=Structured assignments, BM=Independent study.