

Universitas Negeri Surabaya Faculty of Engineering, Building Engineering Education Undergraduate Study Program

Document Code

SEMESTER	LEARNING PLAN	

Courses	s CC			COD	CODE			Cou	Course Family			Credit Weight							mpilatio	n
Steel Structure I				9220502211								T=2 P=0 ECTS=3.18			4	Da				
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AUTHOR		ION		SP Developer							Course Cluster Coordinator			nator	Study Program Coordinator					
													Dr. Gde Agus Yudha Prawira Adistana, S.T., M.T.							
Learning model	l	Case Studies														I				
Program		PLO study pro	gram	that	is ch	arged	I to the	cours	se											
Learning		Program Object	ctives	6 (PO))															
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Short Course Descript	tion	Introduction to th planning in steel members, comp buildings (industi making an asses	const ressio rial bu	ructio n me uildina	n inclu mbers s). Le	udes b s (colu earning	olted cor imns), b i is carrie	nnecti eams ed out	ons, ri , bear t bv a	ivets ns ai pplvir	and we nd col ng a ce	elds. T umns. onstru	hen t The ctivist	he cros applica approa	s-secti ation is	onal a plan	nalysis ning ste	inclu el co	des tensi onstructio	le n
Reference	ces	Main :																		_
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Cumment	inc	KARYOTO																		_
Support lecturer	ing	Arie Wardhono, S	S.T., N	M.MT.	, M.T.	, Ph.D														
Week-	eac sta			Evaluation			Form		Help Learning, Learning methods, Student Assignments [Estimated time] Offline (Online (online)			ods, nents, <mark>me]</mark>		Learning materials References			Assessment Weight (%)			
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4	2	in steel	and LRFD planning for connections in steel construction: bolts, rivets	 Can plan bolt connections correctly (score 50). Can plan welded joints correctly 	discussions and questions and answers. Exercise		0%
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Notes

- 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.
- 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, 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.