

Universitas Negeri Surabaya Vocational Faculty, D4 Transportation Study Program

Document Code

SEMESTER LEARNING PLAN																		
Courses			CODE		Co	Course Family			Credit Weight			SEN	MESTER	R C	ompil ate	ation		
Budget plan			99993940103032					T=0	P=3	ECT	S=4.7	7	4	Jı	ıly 17,	2024		
AUTHORIZATION			SP Developer				Cours			rse Clu	se Cluster Coordinator			Stu Coo	Study Program Coordinator			
											Di	Dr. Anita Susanti, S.Pd., M.T.						
Learning model	Case Studies	s																
Program	PLO study program that is charged to the course																	
Outcomes	Program Objectives (PO)																	
(PLO)	PLO-PO Matrix																	
			P.0															
	PO Matrix at the end of each learning stage (Sub-PO)																	
		F	P.O		,			Week										
			1 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	;
Short	This course con	ntains	cost budget	plans	which	includ	le the	e defir	nițion,	types	of co	onstru	ction c	ost co	mponer	ts, r	netho	ds for
Course Description	se calculating cost budget plans, components and methods for calculating physical construction cost budget plans and consult services. The calculation of the physical construction cost budget plan in this course is specifically for the transportation s which consists of Division 1 – General; Division 2 – Drainage; Division 3 – Earthworks and Geosynthetics; Division Preventive Works; Division 5 – Granulated Pavement Works and Cement Concrete Pavements; Division 6 – Asphalt WD Division 7 – Structure; Division 8 – Bridge Rehabilitation; Division 9 – Daily Work and Miscellaneous Work; Division 7 – Bridge Rehabilitation; Division 9 – Daily Work and Miscellaneous Work; Division 7 – Structure; Division 8 – Bridge Rehabilitation; Division 9 – Daily Work and Miscellaneous Work; Division 9 – Daily Work and Division 7 – Structure; Division 8 – Bridge Rehabilitation; Division 9 – Daily Work and Miscellaneous Work; Division 9 – Daily Work and Divisel consultancy services budget plan will be calculated for planning and supervision services which will include Remuneration/Personnel Costs (E Rate) and Direct Costs for Consultancy Services Business Entities. Learning is carried out online through Vilearning Ur Google Classroom, and Google Meet with a constructivist approach.										Itancy sector n 4 – /orks; 10 – work, e cost Billing Inesa,							
References	Main :																	
	 Nugraha Soeharto Ibrahim I Kemente 16.1/SE/ 2) . Jaka Badan S Nasional Pemerin Surabay Kemente Bidang F Kemente Pemban Ikatan N Biaya La Journal of 	a Pau o Ima Bakti. Prian /Db/2 rrta: L Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand J. Stand I. Stand Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand I. Stand Stand I. Standt	Ilus, Natan Ish an. 2001. Man ar. 2001. Ren Pekerjaan U 020 tentang S Direktorat Jen darisasi Nasio Kota Surabay Pekerjaan U rjaan Umum . Pekerjaan U un Bangunan (nal Konsultan ung (Direct Co sst Analysis ar	ak, Sutj ajemen cana da Imum d Spesifika deral Bin nal. 20 a. 2019 Jakarta Mum da Gedung Indone st) untu ad Parar	ipto R. Proyek an Estin lan Perasi Umina Marg 08. Tati 0. Harga 2016. F : Keme an Peru Negara sia. 20 k Bada metrics.	1985. dari H nate F rumah um Bir ga. a Car a Satu Perme nteria umaha a Jak 20. Pe n Usa	. Man Konse Real c nan F ra Pe Jan Pe Jan Pe n Ra karta: edom ha Ja	ajeme eptual of Cost Rakyat arga 2 rhitun Pokok J No. kerjaar kyat. Keme an Sta asa Ko	n Proy Samp Jaka Direk 018 u gan H Kegiat 28/PF D Umu 2018. Interia andar Insulta	vek Ko ai Ope arta: B ktorat ntuk P larga : tan (H RT/M/2 m. Perme n PUP Minim unsi 20	nstrul erasio umi A Jende ekerji Satua SPK) 016 f en PU R. al Re 21. J	ksi 1 nal Jilii ksara gral B aan Kr N Peł Kota eentan PR N mune akarta	Suraba d 2 .Ja ina Ma ponstruk kerjaan Surab g Anal g Anal o. 22/F rasi/Bia : Inkino	aya:Ka karta: I arga. 2 si Jala .Jakai aya 20 isis Ha PRT/M/ aya Pe do.	rtika Yur Erlanggi 2020. Su n dan J rta: Bad 019 . Su arga Sa 2018 te rsonil (E	dha. a. Irat 1 emba an 5 raba tuan tuan ntan Billing	Edara atan (Standa ya: Po Peke g Ped g Ped	n No. Revisi arisasi emkot erjaan oman e) dan
Supporters:																		

Supporting lecturer Dr. Ir. H. Soeparno, M.T. Ir. Mas Suryanto H.S., S.T., M.T. Purwo Mahardi, S.T., M.Sc. Abdiyah Amudi, S.T., M.T.										
Week-	Final abilities of each learning stage	I	Evaluation	H Lea Stude [E	elp Learning, rning methods, ent Assignments, stimated time]	Learning materials	Assessment Weight (%)			
	(Sub-PO)	Indicator Criteria & Form		Offline (offline)	Online (<i>online</i>)	References]				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)			
1	Students understand the basic concept of budget planning	 Students can state the meaning of a cost budget plan Students can mention and explain methods for calculating budget plans. 	Criteria: Essay 100%	Online learning via video conference 3 X 50			0%			
2							0%			
3	Understand how to calculate the budget plan for preparatory work, land and foundations and material requirements	Students can calculate the budget plan for the costs of preparatory work, land, foundations and material requirements	Criteria: Able to complete assignments according to assignment sheet requests 100%	Lecture, practice questions 4 X 50			0%			
4							0%			
5	Understand how to calculate the budget plan for reinforced concrete work and how to calculate material requirements	Students can calculate the budget plan for reinforced concrete work and material requirements	Criteria: Able to complete assignments according to assignment sheet requests 100%	Lecture, practice questions 8 X 50			0%			
6							0%			
7							0%			
8							0%			
9	Meeting 01 - 08	Meeting 01 - 08	Criteria: Essay 100%	Sub Summative Exam 2 X 50			0%			
10	Understand how to calculate the budget plan for finishing work costs and material requirements	Students can calculate the budget plan for finishing work costs and material requirements	Criteria: Able to complete assignments according to assignment sheet requests 100%	Lecture, practice questions 6 X 50			0%			
11							0%			
12							0%			
13	Understand how to calculate the budget plan for steel construction work and material requirements	Students can calculate the budget plan for steel construction work costs and material requirements	Criteria: Able to complete assignments according to assignment sheet requests 100%	Lecture, practice questions 2 X 50			0%			

14	Understand how to calculate the budget plan for electrical and sanitary installation work and material requirements	Students can calculate the budget plan for electrical and sanitary installation work costs and material requirements	Criteria: Able to complete assignments according to assignment sheet requests 100%	Lecture, practice questions 2 X 50		0%
15	Understand how to calculate the budget plan for the construction of state buildings	Students can calculate the budget plan for the construction of state buildings	Criteria: Able to complete assignments according to assignment sheet requests 100%	Lecture, questions and answers, practice questions 2 X 50		0%
16	Understand how to calculate budget plans for planning work costs, construction management and supervision	Students can calculate budget plans for planning work costs, construction management and supervision	Criteria: Able to complete assignments according to assignment sheet requests 100%	Lecture, practice questions 2 X 50		0%

Evaluation Percentage Recap: Case Study

No Evaluation Percentage 0%

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.
- 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.
- 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.
- 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.