

Universitas Negeri Surabaya Faculty of Engineering , Information Technology Education Undergraduate Study Program

Document Code

			SE	MESTE	R LE	AR	NII	NG	PLAN		
Courses			CODE	i	Course Family		Crec	lit We	ight	SEMESTER	Compilation Date
Advance Graphics		mputer	83207	02143	-		T=2	P=1	ECTS=4.77	5	July 18, 2024
AUTHOR	RIZAT	ION	SP De	eveloper			rse C rdina	luste	r	Study Progr Coordinator	am
										Drs. Bamba N	ng Sujatmiko, I.T.
Learning model	I	Project B	ased Learr	ning							
Program		PLO stud	dy progran	n that is cha	rged to t	he co	ourse	е			
Learning Outcom		Program Objectives (PO)									
(PLO)		PLO-PO	Matrix								
	-		ŀ	P.0							
		PO Matri	x at the er	nd of each lea	arning s	tage	(Sub	-PO)			
		P.O Week 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16									
Short Course Descript	tion	implement course is	t and analy an introdu	ze correct an	d good g puter gra	raphio phics	cs ap , prir	plicati nitive	on systems. drawing, 2D	The material graphic obje	ble to design, studied in this cts, 2D affine nic objects.
Referen	ces	Main :									
		 Edward Angel. 2009.Interactive Computer Graphics: A Top-Down Approach Using OpenGL, Fifth Edition. Pearson International Inc. Edward Angel. 2002.OpenGLTM: A Primer,Third Edition. Addison-Wesley. Hills, Francis S Jr. 2000.Computer Graphics Using OpenGL, Second Edition. New Jersey: Prentice Hall. Donald Hearn and M. Pauline Baker.Computer Graphics with OpenGL, 3rd Edition. Alan Watt.3D Computer Graphics.Addison-Wesley. 									
		Supporte	rs:								
Support lecturer	ing		Ī								
Week-	eacl lear stag	ities of n ning	Indicator	valuation Criteria & Fe	off	Le Stud	arnin lent <i>i</i> Estir	Assigi nated	thods, nments,	Learning materials [References	Assessment Weight (%)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1							0%
2							0%
3							0%
4							0%
5							0%
6							0%
7							0%
8							0%
9							0%
10							0%
11							0%
12							0%
13							0%
14							0%
15							0%
16							0%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
		0%

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.
- 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.
- 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.

- 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%.
 TM=Face to face, PT=Structured assignments, BM=Independent study.