

Universitas Negeri Surabaya Faculty of Engineering, Electrical Engineering Undergraduate Study Program

Document Code

SEMESTER LEARNING PLAN																					
Courses				CODE				Cou	rse Fa	amil	у		Credit Weight			SE	MEST	ER	Com Date	pilation	
Broadcasting System			2020102182			Study Program Elective Courses				T=2	P=0	ECT	S=3.18	3	7		Мау	1, 2023			
AUTHOR	IZAT	ION		SP Deve	elopei	r		-EIBCI		Juis		ırse	Clus	ter C	oordi	nator	Stu	udy P	rogran	n Coo	ordinator
			Miftahur Rohman, S.T. Nurhayati, S.T., M.T.				M.T.	.; Dr. Prof. Dr. M.T.			r. I Gusti Putu Asto B.,			Di	Dr. Lusia Rakhmawati, S.T., M.T.			ati, S.T.,			
Learning model		Case Studies																			
Program		PLO study pro	ogra	m that is	s cha	rged	l to t	the c	cours	е											
Learning Outcomes		Program Obje	ctiv	es (PO)																	
(PLO)		PO-1 Able to apply knowledge of mathematics, natural sciences, information technology, and electrical engineering to gain a thorough understanding of engineering principles																			
		PLO-PO Matrix																			
			P.O PO-:																		
PO Matrix at the				end of each learning stage (Sub-PO)																	
				P.O PO-1		1	2	3	4	5	6	7	8	We	ek 10	11	12	13	14	15	16
Short Course Descript	In this course students can explain, identify and analyze basic aspects of broadcasting systems, both analog and digit tion							igital.													
Reference	ces	Main :																			
		Edition.	Nev	Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third New York: Focal Press, 2008 Amitabah, Mobile TV: DVB-H, DMB, 3G System and Rich Media Applications. New York: Focal Press,																	
		Supporters:																			
		, W.,	I., Advanced Electronic Communication Systems. New Jersey: Prentice Hall, 2003																		
Supporti lecturer	ing	Dr. Nurhayati, S Miftahur Rohma																			
Week-	eac	al abilities of h learning		E	valuat	tion					Le Stu	earn den	p Lea ing n t Ass timate	netho ignm ed tin	ids, ients, ne]		- 1	Learn nater	ials	Assessment	
WCCK-	sta (Su	age Ir ub-PO)		dicator	Cri	teria	& F	orm		Offline (Online (<i>online</i>) [Reference offline)]				nces	Weight (%)						

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	lectures, presentations and discussions 2 x 50	lectures, presentations and discussions 2 x 50	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%
2	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	lectures, presentations and discussions 2 x 50	lectures, presentations and discussions	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%
3	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	lectures, presentations and discussions 2 x 50	lectures, presentations and discussions 2 x 50	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%
4	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	lectures, presentations and discussions 2 x 50	lectures, presentations and discussions	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%

5	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	lectures, presentations and discussions 2 x 50	lectures, presentations and discussions	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%
6	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	lectures, presentations and discussions 2 x 50	lectures, presentations and discussions	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%
7	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	lectures, presentations and discussions 2 x 50	lectures, presentations and discussions	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	7%
8	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Test	Test 2 x 50	-Test	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	20%

9	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	AT 2 x 50	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%
10	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	AT 2 x 50	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%
11	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	AT 2 x 50	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%
12	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	AT 2 x 50	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%

13	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	AT 2 x 50		Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%
14	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	AT 2 x 50		Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	3%
15	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Participatory Activities	AT 2 x 50		Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	7%
16	Students can study the objectives of the Broadcasting Systems lecture and the materials contained therein	Evaluation Rubric	Criteria: Evaluation Rubric Form of Assessment : Test	Test 2 x 50	Test	Material: Meeting material 1 Bibliography: Benoit, Herve, Digital Television – Satellite, Cable, Terrestrial, IPTV, Mobile TV in the DVB Framework, Third Edition. New York: Focal Press, 2008	30%

Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage	
1.	Participatory Activities	50%	
2.	Test	50%	
		100%	

- 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** abilities in the process and student learning outcomes are specific and measurable statements that identify the abilities 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.
- **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.