SEMESTER LEARNING PLAN

	SURABAYA STATE UNIVERSITY **FACULTY OF EDUCATION** **DEPARTMENT OF EDUCATIONAL CURRICULUM AND TECHNOLOGY** **EDUCATIONAL TECHNOLOGY S1 STUDY PROGRAM**	**Document Code**

SEMESTER LEARNING PLAN						
COURSES (MK)	**CODE**	**MK family**	**WEIGHT (credits)**		**SEMESTER**	**Compilation Date**
Audio/Radio Media Development		Learning Resources	**T=2**	**P=2**	**1**	15 April 2022
AUTHORIZATION	**RPS Developer**		**RMK Coordinator**		**Head of Study Program**	
					Dr. Andi Kristanto, S.Pd. M.Pd.	

Learning Outcomes(CP)	**CPL-PRODI charged to MK**	
	CPL-S8	Able to demonstrate a scientific, critical and innovative attitude in scientific and responsible learning of educational technology
	CPL-P2	Applying educational technology knowledge as a Learning Technology Developer, Education and Training Analyst, and Multimedia/Animation/Broadcast Teacher
	CPL-KK4	Design and carry out research independently or in groups to provide alternative solutions to problems in the field of educational technology, by promoting digital literacy
	CPL-KU5	Able to utilize technology and information in solving problems in the field of educational technology and inclusive education based on digital technology and local wisdom
	Course Learning Outcomes (CPMK)	
	CPMK-S..	Able to demonstrate and apply a scientific and critical attitude in discussing the meaning of educational technology and learning technology.
	CPMK-P..	Mastering and Applying educational technology knowledge as a Learning Technology Developer, Education and Training Analyst, and Multimedia/Animation/Broadcast Teacher
	CPMK-KK…	Have the ability to utilize technology and information in solving problems in the field of educational technology and inclusive education based on digital technology and local wisdom

	CPMK-KU..	Have the ability to utilize technology and information in solving problems in the field of educational technology and inclusive education based on digital technology and local wisdom
	The final ability of each learning stage (Sub-CPMK)	
	Sub-CPMK1	Students are able to explainabout the development of audio/radio media in the area of learning technology.
	Sub-CPMK2	Students can explain the advantages and limitations of audio media as a learning medium.
	Sub-CPMK3	Students can identifyabout various types of broadcast audio programs.
	Sub-CPMK4	Students can explainabout the basic concepts of audio script writing.
	Sub-CPMK5	Students can explainon audio script development.
	Sub-CPMK6	Students can analyze the characteristics of the target, develop ideas into: Formulation of Program General Objectives, Program Specific Objectives, create evaluation tools, determine presentation formats, develop main material/synopsis, outline program/treatment content.
	Sub-CPMK7	Students can develop educational or learning audio scripts.
	Sub-CPMK8	Students can analyze the duties and responsibilities of an audio producer/director
	Sub-CPMK9	Students can analyze the understanding of Studio and production equipment.
	Sub-CPMK10	Students can practice and apply audio editing needs.
	Sub-CPMK11	Students can apply the preparation of accompanying audio/radio materials.
	Sub-CPMK12	Students can produce and package audio/radio products properly.
	Correlation between CPL/CPMK and Sub-CPMK	

	Sub-CPMK1	**Sub-CPMK2**	**Sub-CPMK3**	**Sub-CPMK4**	**Sub-CPMK5**	**Sub-CPMK6**	**Sub-CPMK7**	**Sub-CPMK8**	**Sub-CPMK9**	**Sub-CPMK10**	**Sub-CPMK11**	**Sub-CPMK12**
CPMK-S..												
CPMK-P…												
CPMK-KK…												
CPMK-KU…												

DescriptionShort MK	This course discusses the definition, characteristics, classification of audio media in audio program formats, organization production personnel, introduction and use of recording studios and equipment, steps for drafting which includes determining ideas, formulating goals, formulating main material, developing treatment, writing scripts and production of audio and broadcast media for learning purposes through scientific learning. Lectures are carried out by means of blended learning. Assessment is done by way of questions and answers in writing.

Study Materials: Learning Materials	1. Understandingon the development of audio/radio media in the area of learning technology 2. An understanding of the advantages and limitations of audio media as a learning medium 3. Identificationabout various types of broadcast audio programs 4. Understandingabout the basic concepts of audio script writing 5. Identification of audio script development 6. Analysis of target characteristics, developing ideas into: Formulation of Program General Objectives, Program Specific Objectives, making evaluation tools, determining presentation formats, developing main material/synopsis, making outlines of program/treatment content 7. Development of educational or learning audio scripts 8. Analysis of the duties and responsibilities of audio producer/director 9. Analysis of Studio and production equipment 10. Practice and application of audio editing needs 11. Preparation of audio/radio accompanying materials 12. Properly produce and package audio/radio products
References	**Main:** 1. **Mahadevan, A., Freeman, J., Magerko, B., & Martinez, J.C.E**2015.*EarSketch: Teaching computational music remixing in an online Web Audio based learning environment*. In-Web Audio Conference 2. **Abril, C.**2011.*Music, movement, and learning*. In MENC Handbook of Research on Music Learning: Applications 3. **Hallam, S., Cross, I., & Thaut, M. (Eds.).**2011.*Oxford handbook of music psychology*. Oxford University Press 4. **Hand, RJ, & Traynor, M.**2011.*The radio drama handbook: Audio drama in context and practice*. A&C Black 5. **Smaldino, SE, Lowther, DL, Russell, JD, & Mims, C.**2008.*Instructional technology and media for learning*. Boston: Pearson Education, Inc 6. **Sulistiowati, et al.**2020.*Handout Audio/radio media development*. Surabaya: Educational Technology, Faculty of Science Unesa Education 7. **Edwards, George.**2010.*The Program Side of Radio*. Jakarta: UI Publishing Foundation 8. **Morissan.**2010.*Broadcasting Media Management Strategies for Managing Radio and Television*. Jakarta: Prenada Media 9. **Prayudha H. Harley & Andy Rustam**2013.*Radio Is Sound Only, Introduction and Principles of Radio Broadcasting in the Digital Age*. Jakarta: Broadcast Maga Publisher **Supporter:**
	1. **Romli, Asep Syamsul M.**2010.*Radio Broadcasting Basics: Basic Announcing*. Bandung: Feels Bandung 2. **Terrace, Vincet.**2011.*Radio Program Opening and Closing*. London: McFarland & Company, Inc 3. **Triartanto, A. Yudo.**2010.*Broadcasting Radio Theory and Practice*. Yogyakarta: Pustaka Book Publisher

Supporting lecturer	Nata
Subjectcondition	1. Students have taken Message Design Course 2. Students have taken the Course of Selection, Utilization and Media Treatment 3. Students have taken / are currently taking an Introduction to Educational Technology Course

Mg to-	**The final ability of each learning stage (Sub-CPMK)**	**Evaluation**		**Learning Forms, Learning methods, Student Assignment, [Estimated time]**		**Learning materials [References]**	**Rating Weight (%)**
		Indicator	**Criteria & Form**	**Offline Learning**	**Online Learning (online)**		
(1)	**(2)**	**(3)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**
1.	Students are able to understandon the development of audio/radio media in the area of learning technology	• Able to describe the meaning of audio media development and its position in the area of learning technology	**Assessment criteria:** A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:**		**Learning Forms & Methods:**Studying *Problem Based,* Collaborative Learning (TM: 1x (2x50”)) **Assignment:** In groups, students examine the meaning of audio media development and its position in the area of	Learning Materials 1	3%

Notes:

			Active discussion and participation, assignments		learning technology. (PT + BM: (1+1) x (2x50"))		
2.	Students can explain the understanding of the advantages and limitations of audio media as learning media	• Identifyidentify the advantages and limitations of audio media as learning media	**Assessment criteria:** A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, assignments		**Learning Forms & Methods:**Studying *Problem Based,* Collaborative Learning (TM: 1x (2x50")) **Assignment:** In groups, students examine various printed and electronic sources about 1. Advantages of audio media as learning media.	Learning Material 2	3%

					2. The limitations of audio media as learning media		
3.	Students can understand about various types of broadcast audio programs	• Able to distinguish the types of entertainment and non-entertainment programs • Able to identify the types and characteristics of music entertainment programs.	**Assessment criteria:** A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Appraisal Form**: Active discussion and participation, assignments		**Learning Forms & Methods:**Studying *Problem Based,* Collaborative Learning (TM: 1x (2x50”)) **Assignment:** In groups, students are asked to classify broadcast titles according to the type of non-entertainment program music and its characteristics (PT + BM: (1+1) x (2x50”))	Learning Material 3	3%
4.	Students can understand about various types of	• Able to identify types of non-music	**Assessment criteria**:		**Learning Forms &**	Learning Material 3	3%

	broadcast audio programs	entertainment programs and their characteristics • Able to identify types of non-entertainment programs and each one characteristics	A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, assignments		**Methods:**Studying *Problem Based,* Collaborative Learning (TM: 1x (2x50”)) **Assignment:** In groups, students are asked to classify and classify broadcast titles according to the type of entertainment program music and each of its characteristics, classifying types of non-entertainment broadcasts (PT + BM: (1+1) x (2x50”))		
5.	Students can have an understanding of the basic concepts of audio script writing.	• Able to explain the difference between audio language	**Assessment criteria**: A = 86 - 100 (3.8 - 4.00)		**Learning Forms & Methods:**Studying	Learning Materials 4	3%

		and book language. • Able to describe the six principles of using audio language • Able to provide example sentences by applying the principles of using audio language. • Able to describe the function of music in audio programs.	A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, assignments		*Problem Based,* Collaborative Learning (TM: 1x (2x50”)) **Assignment:** Individually students study the module and then practice making sentences in a short script by applying the principle of using audio language with Correct. Take turns being read in groups and evaluated. (PT + BM: (1+1) x (2x50”))		
6.	Students can explain the understanding of the basic concepts of audio script writing.	• Able to describe the function of sound effects in audio programs. • Able to describe various formats	**Assessment criteria**: A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79)		**Learning Forms & Methods:**Studying *Problem Based,*	Learning Materials 4	5%

		of presentation of audio programs and able to choose the format according to the material in the manuscript. • Able to describe procedures for writing audio scripts. • Able to explain radio engineering terminology and be able to apply them in • script writing	B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, assignments		Collaborative Learning (TM: 1x (2x50”)) **Assignment:** After studying the teaching materials, an audio CD is played about examples of use music and sound effects in audio programs Discussion and question and answer After studying the teaching materials, audio scripts in various formats are provided presentation, students are asked to examine and look for differences in the		

					characteristics of each script format. Then discuss and ask questions . (PT + BM: (1+1) x (2x50”))		
7.		Mid-Semester Assessment (PTS)					20%
8.	Students can explain the understanding of audio script development.	• Able to analyze target characteristics, develop ideas into: Formulation Program General Objectives, Program Specific Objectives, make evaluation tools, determine presentation format, developing the main points of the material/synopsis, making outlines great program content /treatment. • Able to develop educational or learning audio scripts.	**Assessment criteria**: A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, performance test	**Learning Forms & Methods:** Offline Lecture, Collaborative Learning **Assignment:** Individually, students conduct a needs analysis and then submit The idea/title of the educational or learning audio program is then discussed. Based on the results of program identification that have been evaluated, students		Learning Material 5	5%

				develop audio scripts using language and terminology radio properly. Manuscripts are piloted on a target sample that actually. (TM: 1x (4x50"))			
9.	Students can explain the understanding of audio script development.	• Able to analyze target characteristics, develop ideas into: Formulation Program General Objectives, Program Specific Objectives, make evaluation tools, determine presentation format, developing the main points of the material/synopsis, making outlines great program content /treatment. • Able to develop educational or learning audio scripts.	**Assessment criteria**: A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, performance test	**Learning Forms & Methods:** Offline Lecture, Collaborative Learning **Assignment:** Individually students make learning or educational audio scripts with 10-15 minutes duration (TM: 1x (4x50"))		Learning Materials 6	5%

10.	Students can analyzeUnderstanding Duties and responsibilities of audio producer/director	• Able to describe the duties and responsibilities of an audio producer/director and can demonstrate the audio director's hand signals. • Able to recognize and be able to describe the minimum standards of audio recording studios.	**Assessment criteria**: A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, performance test	**Learning Forms & Methods:** Offline Lecture/ Collaborative Learning Students are asked for teaching materials then practice in groups about how to become an audio program director. Students are introduced to the minimum standards of audio recording studios. **Assignment:** None (TM: 1x (4x50"))		Learning Material 7	5%
11.	Students can analyzeUnderstanding Duties and responsibilities of audio producer/director	• Recognize and be able to take advantage of the appropriate function of audio recording equipment.	**Assessment criteria**: A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69)	**Learning Forms & Methods:** Offline Lecture/ Collaborative Learning		Learning Material 8	5%

			B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, performance test	Doing Directing Practice And practice Recording **Assignment:** None (TM: 1x (4x50"))			
12.	Students can understand and apply audio editing, understanding and application of the preparation of accompanying materials	• Students are able to do audio editing • Students are able to arrange accompanying materials	**Assessment criteria**: A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99)	**Learning Forms & Methods:** Offline Lecture/ Collaborative Learning Edit the recording according to the script **Assignment:** Preparation of accompanying materials and packaging of		Learning Material 9	5%

			Assessment Form: Active discussion and participation, performance test	products. (TM: 1x (4x50"))			
13.	Students can understand and apply the preparation of accompanying materials	• Students are able to arrange accompanying materials	**Assessment criteria**: A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, performance test	**Learning Forms & Methods:** Offline Lecture/ Collaborative Learning Edit the recording according to the script **Assignment:** Preparation of accompanying materials and packaging of products. (TM: 1x (4x50"))		Learning Material 10	5%
14.	Students can produce the ability to properly package products	• Students are able to properly package the product.	**Assessment criteria**: A = 86 - 100 (3.8 - 4.00)	**Learning Forms & Methods:**		Learning Material 11	5%

			A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39) D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, performance test	Offline Lecture/ Collaborative Learning Edit the recording according to the script **Assignment:** Preparation of accompanying materials and packaging of products. (TM: 1x (4x50"))			
15.	Students can explain product development from scripts to products that are suitable for use as learning.	• Explanation of product packaging creatively and innovatively	**Assessment criteria**: A = 86 - 100 (3.8 - 4.00) A- = 80 - 85 (3.7 - 3.79) B+ = 75 - 79 (3.6 - 3.69) B = 70 - 74 (3.5 - 3.59) B- = 65 - 69 (3.4 - 3,49) C = 50 – 64 (3.00 – 3.39)	**Learning Forms & Methods:** Offline Lecture/ Collaborative Learning Product presentation (TM: 1x (4x50")) **Assignment:** There isn't any (TM: 1x (4x50"))		Learning Material 12	5%

			D = 25 – 50 (2.00 – 2.99) E = < 25 (0 – 1.99) **Assessment Form:** Active discussion and participation, performance test				
16.	Final Semester Assessment (PAS)						20%

1. **Learning Outcomes of Graduates of Study Program (CPL-PRODI)**is the ability possessed by every graduate of the study program which is the internalization of attitudes, mastery of knowledge and skills in accordance with the level of study program obtained through the learning process.
2. **CPL charged to the course**are some of the learning outcomes of study program graduates (CPL-PRODI) which are used for the formation/development of a course consisting of aspects of attitude, general skills, special skills and knowledge.
3. **CP Course (CPMK)**is the ability that is described specifically from the CPL that is charged to the course, and is specific to the study material or learning material for the course.
4. **Sub-CP Course (Sub-CPMK)**is the ability that is described specifically from the CPMK that can be measured or observed and is the final ability that is planned at each stage of learning, and is specific to the learning material of the course.
5. **Rating indicators**ability in the process and student learning outcomes is a specific and measurable statement that identifies the ability or performance of student learning outcomes accompanied by evidence.
6. **Rating Criteria**is a benchmark that is used as a measure or benchmark for learning achievement in an assessment based on predetermined indicators. Assessment criteria are guidelines for raters so that the assessment is consistent and unbiased. Criteria can be either quantitative or qualitative.
7. **Assessment technique:**test and non-test.
8. **Learning form:**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 the study material that can be presented in the form of several main points and sub-topics.
11. **Rating weight**is the percentage of assessment of each achievement of the sub-CPMK which is proportional to the level of difficulty of achieving the sub-CPMK, and the total is 100%.
12. **PB**= Learning Process,**PT**=Structured Assignments,**KM**= Independent Activities.

Portfolio of Student CPL Achievement Assessment & Evaluation

Mg	CPL	CPMK (CLO)	Sub-CPMK (LLO)	Indicator	Question Form - Weight(%)*)		Weight (%) Sub-CPMK	Mhs value (0-100)	=p((Mhs Grade) X (Weight%)*))	Achievement of CPL at the Constitutional Court (%)
1	CPL-P2	CPMK-P	Sub-CPMK 1	1-1	depth	3	3			
2	CPL-KU5	CPMK-KU	Sub-CPMK 2	1-2	Identification Results	3	3			
3	CPL-P2	CPMK-P	Sub-CPMK 3	1-3.1	Analysis Results	3	3			
4	CPL-P2	CPMK-P	Sub-CPMK 3	1-3.2	Problem Analysis	3	3			
5	CPL-P2	CPMK-P	Sub-CPMK 4	1-1.1	Identification Results	3	3			
6	CPL-KK4	CPMK-KK	Sub-CPMK 4	1-4.2	Identification Results	5	5			
7	**Mid-Semester Evaluation (ETS)**					**20**	**20**			
8	CPL-KK4	CPMK-KK	Sub-CPMK 5	1-5	Audio Script Creation (15) + keeper-bang (15)	15 + 15	30			
9	CPL-KK4	CPMK-KK	Sub-CPMK 6	1-6						
10	CPL-KU5	CPMK-KU	Sub-CPMK 7	1-7						
11	CPL-KK4	CPMK-KK	Sub-CPMK 8	1-8						
12	CPL-KU5	CPMK-KU	Sub-CPMK 9	1-9						
13	All Types of CPL	All Types of CPMK	Sub-CPMK 10	1-10						
14			Sub-CPMK 11	1-11	Product results are	5	5			

					already feasible.					
15			Sub-CPMK 12	1-12	Product Presentation	5	5			
16	**End of Semester Evaluation (EAS)**					**20**	**20**			
Total weight (%)						100	100			
Student's final grade (ģ(Mhs Grade) X (Weight%))										

Notes: CLO = Courses Learning Outcomes, LLC = Lesson Learning Outcomes