

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
Photo Media Development	-	Learning Resources	T=2	P=2	3	12 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 learning of educational technology in a professional and responsible manner.				
	CPL-P1	Mastering concepts, structures and materials in educational technology science as a Learning Technology Developer, Education and Training Analyst, and Multimedia/Animation/Broadcast Teacher.				
	CPL-KK3	Solve problems based on the case study method or project-based group learning in the field of Education technology, by prioritizing digital literacy.				
	CPL-KU6	Able to produce outcomes in the form of high performance and commitment as a Learning Technology Developer, Education and Training Analyst, and Multimedia/Animation/Broadcast Teacher.				
	Course Learning Outcomes (CPMK)					
CPMK-S8	Able to demonstrate and apply innovative and creative attitudes in facilitating learning through learning to develop photo media as a developer of Educational Technology.					

CPMK-P1	Students master and apply concepts, structures and materials in educational technology science to facilitate learning through the development of photo media as developers of Educational Technology.											
CPMK-KK3	Students have the ability to solve learning problems using project-based learning through the development of photo media as developers of Educational Technology.											
CPMK-KU6	Able to produce outcomes in the form of high performance and commitment as a task as a developer of Educational Technology.											
The final ability of each learning stage (Sub-CPMK)												
Sub-CPMK1	Students understand and understand the history of the latest development of photography											
Sub-CPMK2	Students are able to know the structure and use of camera tools											
Sub-CPMK3	Students are able to master the exposure triangle which consists of shutter speed diaphragm and ISO											
Sub-CPMK4	Students are able to master the mathematical method of focal length (FL) or the distance of the focal point of the camera lens											
Sub-CPMK5	Students are able to master the spatial sharpness method or Depth of Field (Dof)											
Sub-CPMK6	Students are able to master the method of composition and aesthetics of photography											
Sub-CPMK7	Students are able to apply the principle of the direction of light in photography											
Sub-CPMK8	Students are able to apply the principle of camera point of view in photography											
Sub-CPMK9	Students are able to distinguish the types of photos based on the object											
Sub-CPMK10	Students are able to operate Photoshop to maximize the final result of digital photos.											
Sub-CPMK11	Students are able to make work documentation on the pixoto web											
Correlation between CPL/CPMK and Sub-CPMK												
	Sub-CPMK 1	Sub-CPMK 2	Sub-CPMK 3	Sub-CPMK 4	Sub-CPMK 5	Sub-CPMK 6	Sub-CPMK 7	Sub-CPMK 8	Sub-CPMK 9	Sub-CPMK 10	Sub-CPMK 11	
CPMK-S8												
CPMK-P1	✓	✓	✓									
CPMK-KK3				✓	✓	✓						✓
CPMK-KU6							✓	✓	✓	✓		

DescriptionShort MK	This course presents theoretical knowledge accompanied by practice on photo media production which includes principles, characteristics, various shooting techniques, printing processes, presentation and validation through scientific learning.						
Study Materials: Learning Materials	<ol style="list-style-type: none"> 1. The history of the development of the latest photography 2. The structure and use of camera tools 3. Triangle exposure consisting of shutter speed and iso diafragma diaphragm 4. The mathematical method of focal length (fl) or the distance of the focal point of the camera lens 5. The depth of field (dof) method 6. Composition methods and photographic aesthetics 7. The principle of the direction of light in photography 8. The principle of the camera's point of view in photography 9. Types of photos by object 10. Photoshop to maximize the final result of digital photos. 11. Documentation of works on the pixoto web 						
References	Main:						
	Scott Kelby. 2013. The Digital Photography. Ptgmedia						
	Supporter:						
	Ramon F. 2017. Basic Photography in 180 Days Book VIII Photography. Aeroramone Beazley, Mitchell. 1996. Kodak Books & Photography. London: Michelin House Feininger, Andreas. 1969. The Complete Photographer. New Jersey: Prentice Hall Inc Arena, Syl, 2013. Lighting for Digital Photography: from Snapshots to Great Shots, Peachpit Press, USA.						
Supporting lecturer							
Subjectcondition	-						
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		

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Students understand and understand the history of the latest development of photography	Able to write a paper on the chronology of the development of photography in a coherent and correct manner from the beginning until now.	Project (Paper)	<i>Contextual Instruction</i> 2 x 50 minutes	<i>Project Based Learning</i> Group discussion 2 x 50 minutes	1. Michael R. Peres Focal Encyclopedia of Photography (London 2007) 2. Michael Langford Basic Photography-Seven Edition (London 2000) 3. Susan Tuttle Art of Everyday Photography-Move Toward Manual & Make Creative Photos (Ohio 2014)	5%
2	Students are able to know the structure and use of camera tools	<ul style="list-style-type: none"> • Memorize and know the structure and function of camera tools • Knowing the types of cameras • Knowing the supporting equipment: tripod, flash, etc 	Written test, performance	<i>Contextual Instruction</i> 2 x 50 minutes	<i>Group discussion</i> 2 x 50 minutes	1. Michael R. Peres Focal Encyclopedia of Photography (London 2007) 2. Michael Langford Basic Photography - Seven Edition(London 2000) 3. Susan Tuttle Art of Everyday Photography-Move Toward Manual & Make Creative Photos (Ohio 2014)	5%
3 - 4	Students are able to master the exposure triangle which consists of shutter speed diaphragm and ISO	Mastering how to practice balanced/normal light settings including focus, triangle exposure (aperture, shutter speed, and ISO)	Written test, performance	<i>Contextual Instruction</i> 2 x 50 minutes	<i>Practice</i> 2 x 50 minutes	1. Michael R. Peres Focal Encyclopedia of Photography (London 2007) 2. Michael Langford Basic Photography-	10%

						<p>Seven Edition (London 2000) Susan Tuttle</p> <p>3. Art of Everyday Photography-Move Toward Manual & Make Creative Photos (Ohio 2014)</p> <p>4. David PrakerBasic Photography-exposure (London 2006)</p> <p>5. Wahyu Dharsito Basic Digital Photography-Mastering Exposure (Elex Media 2016)</p>	
5	Students are able to master the mathematical method of focal length (FL) or the distance of the focal point of the camera lens	Mastering and practicing the use of lenses and their angles	Written test, performance	<i>Contextual Instruction</i> 2 x 50 minutes	<i>Practice</i> 2 x 50 minutes	<p>1. Michael R. Peres Focal Encyclopedia of Photography (London 2007)</p> <p>2. Michael Langford Basic Photography-Seven Edition (London 2000) Susan Tuttle</p> <p>3. Art of Everyday Photography-Move Toward Manual & Make Creative Photos (Ohio 2014)</p> <p>4. David PrakerBasic Photography-exposure (London 2006)</p> <p>5. Wahyu Dharsito Basic Digital Photography-Mastering</p>	5%

						Exposure (Elex Media 2016)	
6	Students are able to master the spatial sharpness method or Depth of Field (Dof)	Mastering and practicing the use of Dof and diaphragm	Written test, performance	<i>Contextual Instruction</i> 2 x 50 minutes	<i>Practice</i> 2 x 50 minutes	<ol style="list-style-type: none"> 1. Michael R. Peres Focal Encyclopedia of Photography (London 2007) 2. Michael Langford Basic Photography-Seven Edition (London 2000) Susan Tuttle 3. Art of Everyday Photography-Move Toward Manual & Make Creative Photos (Ohio 2014) 4. David Praker Basic Photography-exposure (London 2006) 5. Wahyu Dharsito Basic Digital Photography-Mastering Exposure (Elex Media 2016) 	5%
7	Students are able to master the method of composition and aesthetics of photography	The practice of photographic composition and photographic aesthetics, including: Composition, Framing, Multiple Exposure, and Golden/Blu hours	Written test, performance	<i>Contextual Instruction</i> 2 x 50 minutes	<i>Practice</i> 2 x 50 minutes	<ol style="list-style-type: none"> 1. Michael R. Peres Focal Encyclopedia of Photography (London 2007) 2. Michael Langford Basic Photography-Seven Edition (London 2000) Susan Tuttle 3. Art of Everyday Photography-Move Toward Manual & 	5%

						<p>Make Creative Photos (Ohio 2014)</p> <p>4. David Praker Basic Photography-exposure (London 2006)</p> <p>5. Wahyu Dharsito Basic Digital Photography-Mastering Exposure (Elex Media 2016)</p>	
8	Midterm exam	Doing UTS questions	Writing test	<i>Open Source Learning</i> 90 minutes	-	Sub CPMK material 1 - 6	15%
9	Students are able to apply the principle of the direction of light in photography	Knowing and understanding the direction of light in photography which includes: Flat light, Side light, and Back light	Written test, performance	<i>Contextual Instruction</i> 2 x 50 minutes	<i>Practice</i> 2 x 50 minutes	Arena, Syl, 2013. Lighting for Digital Photography: from Snapshots to Great Shots, Peachpit Press, USA.	5%
10	Students are able to apply the principle of camera point of view in photography	Knowing and understanding the camera's point of view which includes: Eye level, Low angle, High angle, etc.	Written test, performance	<i>Contextual Instruction</i> 2 x 50 minutes	<i>Practice</i> 2 x 50 minutes	<p>1. Scott Kelby. 2013. The Digital Photography. Ptgmedia</p> <p>2. Ramon F. 2017. Basic Photography in 180 Days Book VIII Photography. Aeroramone</p>	5%

						<p>3. Beazley, Mitchell. 1996. Kodak Books & Photography. London: Michelin House</p> <p>4. Feininger, Andreas. 1969. The Complete Photographer. New Jersey: Prentice Hall Inc</p>	
11 - 12	Students are able to distinguish the types of photos based on the object.	Know and understand the types of photography which include: Humanistic, Portrait, Journalism, Documentation, Commercial, Nature, Fine Art, Architecture/Interior, etc.	Written test, performance	<i>Contextual Instruction</i> 2 x 50 minutes	<i>Practice</i> 2 x 50 minutes	<p>1. Scott Kelby. 2013. The Digital Photography. Ptgmedia</p> <p>2. Ramon F. 2017. Basic Photography in 180 Days Book VIII Photography. Aeroramone</p> <p>3. Beazley, Mitchell. 1996. Kodak Books & Photography. London: Michelin House</p>	5%

						4. Feininger, Andreas. 1969. The Complete Photographer. New Jersey: Prentice Hall Inc	
13 - 14	Students are able to operate Photoshop to maximize the final result of digital photos.	Know how to use Photoshop software for photo editing	Written test, performance	<i>Demonstration of learning</i> 2 x 50	<i>Practice</i> 2 x 50 minutes	1. Scott Kelby. 2013. The Digital Photography. Ptgmedia 2. Ramon F. 2017. Basic Photography in 180 Days Book VIII Photography. Aeroramone 3. Beazley, Mitchell. 1996. Kodak Books & Photography. London: Michelin House 4. Feininger, Andreas. 1969. The Complete Photographer. New Jersey: Prentice Hall Inc	10%

15	Documentation of works on the pixoto web	Generate edited photos and know how to use pixoto web	Project (Generating Photos)	<i>Demonstration of learning</i> 2 x 50	<i>Practice</i> 2 x 50 minutes	<ol style="list-style-type: none"> 1. Scott Kelby. 2013. The Digital Photography. Ptgmedia 2. Ramon F. 2017. Basic Photography in 180 Days Book VIII Photography. Aeroramone 3. Beazley, Mitchell. 1996. Kodak Books & Photography. London: Michelin House 4. Feininger, Andreas. 1969. The Complete Photographer. New Jersey: Prentice Hall Inc 	10%
16	Final exams	Students are able to upload photos of humanistic and nature types as well as photos with close up angles	Project	-	-	-	15%

Notes:

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)	1d((Mhs Grade) X (Weight%)*))	Achievement of CPL at the Constitutional Court (%)
1	CPL P	CPMK P	Sub CPMK 1	Able to write a paper on the chronology of the development of photography in a coherent and correct manner from the beginning until now.	<ul style="list-style-type: none"> Group 1 makes a paper about the history of photography in the world. Group 2 made a paper on the history of photography in Indonesia. Group 3 makes a paper about the current development of photography 	5%	5%		
2	CPL P	CPMK P	Sub CPMK 2	<ul style="list-style-type: none"> Memorize and know the structure and function of camera tools Knowing the types of cameras Knowing the supporting equipment: tripod, flash, etc 	<ul style="list-style-type: none"> Explain the structure and function of digital camera tools and dslr Name and explain the types of 	5%	5%		

					<p>cameras available</p> <ul style="list-style-type: none"> Name and explain the proponents of using the camera 					
3 - 4	CPL P	CPMK P	Sub CPMK 3	Mastering how to practice balanced/normal light settings including focus, triangle exposure (aperture, shutter speed, and ISO)	<ul style="list-style-type: none"> Explain the meaning of each exposure triangle and its uses The practice of using the exposure triangle in educational technology 	10%	10%			
5	CPL KK	CPMK KK	Sub CPMK 4	Mastering and practicing the use of lenses and their angles	<ul style="list-style-type: none"> Explain the use of lenses and the types of angles Practice using lenses using a camera in class 	5%	5%			
6	CPL KK	CPMK KK	Sub CPMK 5	Mastering and practicing the use of Dof and diaphragm	<ul style="list-style-type: none"> Explain the meaning and use of Dof and 	5%	5%			

					Diaphragm in photography <ul style="list-style-type: none"> Practice mastery of the diaphragm (front focus, back focus, and flat focus) 					
7	CPL KK	CPMK KK	Sub CPMK 6	The practice of photographic composition and photographic aesthetics, including: Composition, Framing, Multiple Exposure, and Golden/Blue hours	<ul style="list-style-type: none"> Explain the meaning of photography aesthetics. The practice of applying photographic aesthetics 	5%	5%			
8	Mid-Semester Evaluation					15%	15%			
9	CPL KU	KU CPMK	Sub CPMK 7	Knowing and understanding the direction of light in photography which includes: Flat light, Side light, and Back light	<ul style="list-style-type: none"> Explain the meaning of the various directions of light in photography The practice of applying the example of the direction of 	5%	5%			

					light in photography					
10	CPL KU	KU CPMK	Sub CPMK 8	Knowing and understanding the camera's point of view which includes: Eye level, Low angle, High angle, etc.	<ul style="list-style-type: none"> • Explain the meaning of the various points of view / angles that can be used in photography • Practice applying angle photography 	5%	5%			
11 - 12	CPL KU	KU CPMK	Sub CPMK 9	Know and understand the types of photography which include: Humanistic, Portrait, Journalism, Documentation, Commercial, Nature, Fine Art, Architecture/Interior, etc.	<ul style="list-style-type: none"> • Explain the meaning of the types of photography and their uses • The practice of applying photos from different types of photography 	5%	5%			
13 - 14	CPL KU	KU CPMK	Sub CPMK 10	Know how to use Photoshop software for photo editing	<ul style="list-style-type: none"> • Explain the various uses of basic tools commonly used in Photoshop 	10%	10%			

					<ul style="list-style-type: none"> Practice editing photos that have been taken using Photoshop 					
15	CPL KK	CPMK KK	Sub CPMK 11	Generate edited photos and know how to use pixoto web	<ul style="list-style-type: none"> Explain how to upload photos on pixoto Practice uploading personal works on pixoto 	10%	10%			
16	End of Semester Evaluation					15%	15%			
Total weight (%)						100	100			
Student's final grade (ȳ(Mhs Grade) X (Weight%))										

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