



**Universitas Negeri Surabaya**  
**Faculty of Engineering,**  
**Cosmetology Education Undergraduate Study Program**

**Document Code**

**SEMESTER LEARNING PLAN**

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date
Development of Teaching Materials	8321302004	Prodigy	T=2	P=0	ECTS=3.18	3	April 22, 2022
AUTHORIZATION	SP Developer		Course Cluster Coordinator			Study Program Coordinator	
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<b>Learning model</b>	<b>Project Based Learning</b>																	
<b>Program Learning Outcomes (PLO)</b>	<b>PLO study program that is charged to the course</b>																	
	<b>PLO-5</b>	Applying a professional attitude as an educator and practitioner in the field of cosmetology which includes discipline, honesty, responsibility, ethics, ability to collaborate and communicate effectively																
	<b>PLO-6</b>	Skilled in designing and implementing learning tools in schools by prioritizing local wisdom and regional culture																
	<b>PLO-9</b>	Create, design, carry out research, analyze and implement research results																
	<b>PLO-10</b>	Able to explain concepts in the field of pedagogy																
	<b>Program Objectives (PO)</b>																	
	<b>PO - 1</b>	Students have the ability to understand the teaching materials used in learning tools																
	<b>PO - 2</b>	Students are able to understand teaching materials, basic steps for making teaching materials, textbooks, LKPD, audio teaching materials																
	<b>PO - 3</b>	Students have the ability to practice in making teaching materials, textbooks, LKPD, audio teaching materials																
	<b>PO - 4</b>	Students have a responsible attitude in developing teaching materials																
	<b>PLO-PO Matrix</b>																	
			P.O	PLO-5	PLO-6	PLO-9	PLO-10											
			PO-1															
			PO-2															
			PO-3															
		PO-4																
<b>PO Matrix at the end of each learning stage (Sub-PO)</b>																		
		P.O	Week															
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		PO-1																
		PO-2																
		PO-3																
		PO-4																

**Short Course Description** Course Description This course discusses the essence of teaching materials in the learning process and is able to develop teaching materials for the sake of achieving competency learning outcomes. After attending this lecture, students are expected to be able to explain and study the concepts of design, development, management and evaluation of making teaching materials. In this lecture, the forms of learning resources and teaching materials are discussed, the main steps in making teaching materials, the theory and steps for preparing Handouts, the theory and steps for preparing Modules, the theory and steps for preparing Textbooks, the theory and steps -steps for preparing LKPD, theory and steps for preparing audio teaching materials, theory and steps for preparing video teaching materials, theory and steps for preparing audio teaching materials, interactive teaching materials, and selection and use of teaching materials in the learning process.

**References** **Main :**

1. Nana Sudjana dan Ahmad Rivai. 2015. Media Pengajaran. Bandung: Sinar Baru Algensindo.
2. Cecep Kustandi dan Bambang Sutjipto. 2013. Media Pembelajaran . Bogor: Ghalia Indonesia.
3. Musfiqon. 2012. Pengembangan Media dan Sumber Pembelajaran . Jakarta: Prestasi Pustakaraya.
4. Jubilee Enterprise. 2016. Tren Animasi PowerPoint yang Keren. Jakarta: Elex Media Komptindo.
5. Arsyad, Azhar. 2003. Media Pembelajaran . Jakarta: PT. Raja Grafindo Persada.
6. Asyhar, Rayandra. 2013. Kreatif mengembangkan Media Pembelajaran . Jakarta: Buku Beta.
7. Dananjaya, Utomo. 2010. Media pembelajaran aktif . Jakarta: Nuansa Cendikia.
8. Sadiman, Arief, dkk. 2007. Media Pendidikan: Pengertian, Pengembangan, dan Pemanfaatannya . Jakarta: Rajagrafindo Persada.
9. Warsita, Bambang. 2008. Teknologi Pembelajaran. Jakarta: PT. Rineka Cipta.
10. Ega Rima Wati. 2016. Ragam Media Pembelajaran . Katapena.pemerbit@gmail.com

**Supporters:**

1. Windayani, dkk. 2022. Pengembangan Bahan Ajar. Penerbit Satria Cakrawala

**Supporting lecturer**  
 Dra. Arita Puspitorini, M.Pd.  
 Nia Kusstianti, S.Pd., M.Pd.  
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 Novia Restu Windayani, S.Pd., M.Pd.

Week-	Final abilities of each learning stage (Sub-PO)	Evaluation		Help Learning, Learning methods, Student Assignments, [ Estimated time]		Learning materials [ References ]	Assessment Weight (%)
		Indicator	Criteria & Form	Offline ( offline )	Online ( online )		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	1. Students are able to understand the basic concepts of Learning Media	1.Explain the meaning of teaching materials 2.Explain the purpose of teaching materials 3.Explain the meaning of teaching materials	<b>Criteria:</b> 0-100  <b>Form of Assessment</b> : Participatory Activities	Assignment discussion lecture to make a 2 X 50 question and answer presentation paper	Assignment discussion lecture to make a 2 X 50 question and answer presentation paper	<b>Material:</b> teaching materials <b>Reference:</b> <i>Windayani, et al. 2022. Development of Teaching Materials. Satria Cakrawala Publisher</i>	10%
2	Students are able to understand the steps for making teaching materials	1.Carry out the main steps in making teaching materials 2.Analysis of teaching material needs 3.Criteria for selecting learning resources 4.Compile a map of teaching materials 5.Structure of teaching materials 6.Techniques for preparing teaching materials	<b>Criteria:</b> 1.The assessment criteria are carried out by looking at aspects: 2.1. Participation: carried out by observing student activities (weight 2) 3.2. Task: carried out on each indicator (weight 3)  <b>Form of Assessment</b> : Participatory Activities, Project Results Assessment / Product Assessment	Presentation Questions and Answers Discussion Project Based Learning (PJBL) 2 X 50	Presentation Questions and Answers Discussion Project Based Learning (PJBL)	<b>Material:</b> Making teaching materials <b>Reference:</b> <i>Windayani, et al. 2022. Development of Teaching Materials. Satria Cakrawala Publisher</i>  <b>Material:</b> Making teaching materials <b>Library:</b> <i>Musfiqon. 2012. Development of Media and Learning Resources. Jakarta: Pustakaraya Achievement.</i>	0%

3	Able to explain the definition, aims and objectives of the Module, and creation of the module	<ol style="list-style-type: none"> <li>1.Explaining the Purpose of the Module</li> <li>2.Explaining the Module Definition, Module Characteristics, Module Types</li> <li>3.Practicing module creation</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.The assessment criteria are carried out by looking at aspects:</li> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. Task: carried out on each indicator (weight 3)</li> </ol> <p><b>Form of Assessment :</b> Participatory Activities, Project Results Assessment / Product Assessment</p>	PJBL Discussion Questions and Answers Presentation 3 X 50	PJBL Discussion Questions and Answers Presentation 3 X 50	<p><b>Material:</b> <b>Library</b> Module : <i>Musfiqon. 2012. Development of Media and Learning Resources. Jakarta: Pustakaraya Achievement.</i></p>	0%
4	Able to explain the definition, aims and objectives of the Module, and creation of the module	<ol style="list-style-type: none"> <li>1.Explaining the Purpose of the Module</li> <li>2.Explaining the Module Definition, Module Characteristics, Module Types</li> <li>3.Practicing module creation</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.The assessment criteria are carried out by looking at aspects:</li> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. Task: carried out on each indicator (weight 3)</li> </ol> <p><b>Form of Assessment :</b> Participatory Activities, Project Results Assessment / Product Assessment</p>	Questions and Answers for PJBL 3 X 50	Questions and Answers for PJBL 3 X 50	<p><b>Material:</b> <b>Library</b> Module : <i>Musfiqon. 2012. Development of Media and Learning Resources. Jakarta: Pustakaraya Achievement.</i></p>	0%
5	Students are able to understand textbooks and textbook-making techniques	<ol style="list-style-type: none"> <li>1.Explains the basic principles of the textbook</li> <li>2.Explain the function, purpose and use of textbooks</li> <li>3.Explaining Rare - steps in compiling a textbook</li> <li>4.Create textbooks</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.The assessment criteria are carried out by looking at aspects:</li> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</li> <li>4.3. UAS: carried out every semester to measure all indicators (weight 3)</li> <li>5.4. Task: carried out on each indicator (weight 3)</li> </ol> <p><b>Form of Assessment :</b> Participatory Activities, Tests</p>	Participation Presentation Questions and Answers Discussion 3 X 50	Participation Presentation Questions and Answers Discussion 3 x 50	<p><b>Material:</b> basic principles of textbooks, Functions, objectives and uses of textbooks <b>Reader:</b> <i>Windayani, et al. 2022. Development of Teaching Materials. Satria Cakrawala Publisher</i></p> <hr/> <p><b>Material:</b> Rare - steps for compiling a textbook <b>Library:</b> <i>Musfiqon. 2012. Development of Media and Learning Resources. Jakarta: Pustakaraya Achievement.</i></p>	0%

6	Students are able to understand textbooks and textbook-making techniques	<ol style="list-style-type: none"> <li>1.Explains the basic principles of the textbook</li> <li>2.Explain the function, purpose and use of textbooks</li> <li>3.Explaining Rare - steps in compiling a textbook</li> <li>4.Create textbooks</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.The assessment criteria are carried out by looking at aspects:</li> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</li> <li>4.3. UAS: carried out every semester to measure all indicators (weight 3)</li> <li>5.4. Task: carried out on each indicator (weight 3)</li> </ol> <p><b>Form of Assessment :</b> Project Results Assessment / Product Assessment</p>	PJBL 3 X 50	PJBL 3 x 50	<p><b>Material:</b> basic principles of textbooks, Functions, objectives and uses of textbooks</p> <p><b>Reader:</b> <i>Windayani, et al. 2022. Development of Teaching Materials. Satria Cakrawala Publisher</i></p> <hr/> <p><b>Material:</b> Rare - steps for compiling a textbook</p> <p><b>Library:</b> <i>Musfiqon. 2012. Development of Media and Learning Resources. Jakarta: Pustakaraya Achievement.</i></p>	50%
7	Students are able to understand LKPD (Students' Worksheets)	<ol style="list-style-type: none"> <li>1.Explain the meaning of LKPD (Student Worksheet)</li> <li>2.Explain the principles of LKPD</li> <li>3.Make LKPD</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.The assessment criteria are carried out by looking at aspects:</li> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</li> <li>4.3. UAS: carried out every semester to measure all indicators (weight 3)</li> <li>5.4. Task: carried out on each indicator (weight 3)</li> </ol> <p><b>Form of Assessment :</b> Participatory Activities, Tests</p>	Presentation Questions and Answers Case Study Discussion 3 X 50	Presentation Questions and Answers Case Study Discussion 3 x 50	<p><b>Material:</b> LKPD</p> <p><b>Library:</b> <i>Musfiqon. 2012. Development of Media and Learning Resources. Jakarta: Pustakaraya Achievement.</i></p>	35%

8	Midterm exam	<p>1.definition, aims and objectives of teaching materials</p> <p>2.Steps for making teaching materials</p> <p>3.definition, aims and objectives of the Module, and creation of the module</p> <p>4.textbooks and textbook making techniques</p> <p>5.LKPD (Student Worksheet)</p>	<p><b>Criteria:</b></p> <p>1.The assessment criteria are carried out by looking at aspects:</p> <p>2.1. Participation: carried out by observing student activities (weight 2)</p> <p>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</p> <p>4.3. UAS: carried out every semester to measure all indicators (weight 3)</p> <p>5.4. Task: carried out on each indicator (weight 3)</p> <p>6.Student Final Grade:</p> <p>7.Participation Score (2) x Lever Score (3) x UTS Score (2) x UAS Score (3) divided by 10.</p>	- 3 X 50	- 3 X 50	<p><b>Material:</b> Meeting Material 1-7</p> <p><b>Library:</b> <i>Musfiqon. 2012. Development of Media and Learning Resources. Jakarta: Pustakaraya Achievement.</i></p> <hr/> <p><b>Material:</b> Meetings 1 - 7</p> <p><b>References:</b> <i>Windayani, et al. 2022. Development of Teaching Materials. Satria Cakrawala Publisher</i></p>	0%
9	Students are able to understand the basic concepts of Learning Media	<p>1.Defining the meaning of learning media</p> <p>2.Explain the function of learning media</p> <p>3.Describe the benefits of learning media</p> <p>4.Explain the nature of learning media</p>	<p><b>Criteria:</b></p> <p>1.The assessment criteria are carried out by looking at aspects:</p> <p>2.1. Participation: carried out by observing student activities (weight 2)</p> <p>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</p> <p>4.3. UAS: carried out every semester to measure all indicators (weight 3)</p> <p>5.4. Task: carried out on each indicator (weight 3)</p> <p><b>Form of Assessment</b> : Test</p>	Presentation Question and Answer Demonstration 3 X 50	Presentation Question and Answer Demonstration 3 X 50	<p><b>Material:</b> basic concepts of Learning Media</p> <p><b>Library:</b> <i>Cecep Kustandi and Bambang Sutjipto. 2013. Learning Media. Bogor: Ghalia Indonesia.</i></p> <hr/> <p><b>Material:</b> basic concepts of Learning Media</p> <p><b>Library:</b> <i>Warsita, Bambang. 2008. Learning Technology. Jakarta: PT. Rineka Cipta.</i></p> <hr/> <p><b>Material:</b> basic concepts of Learning Media</p> <p><b>Library:</b> <i>Dananjaya, Utomo. 2010. Active learning media. Jakarta: Nuansa Cendikia.</i></p>	10%

10	Students are able to plan to create learning media and story boards	<ol style="list-style-type: none"> <li>1.Explain the systematics of planning to create learning media</li> <li>2.Explaining writing media scripts (storyboards)</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.The assessment criteria are carried out by looking at aspects:</li> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</li> <li>4.3. UAS: carried out every semester to measure all indicators (weight 3)</li> <li>5.4. Task: carried out on each indicator (weight 3)</li> </ol> <p><b>Form of Assessment :</b> Project Results Assessment / Product Assessment</p>	PJBL 3 X 50 demonstration Q&A presentation	PJBL 3 X 50 demonstration Q&A presentation	<p><b>Material:</b> Learning media and story boards <b>Reader:</b> Dananjaya, Utomo. 2010. <i>Active learning media.</i> Jakarta: Nuansa Cendikia.</p> <p><b>Material:</b> Learning Media and story boards <b>Readers:</b> Nana Sudjana and Ahmad Rivai. 2015. <i>Teaching Media.</i> Bandung: Sinar Baru Algensindo.</p> <p><b>Material:</b> Learning Media and story boards <b>Reader:</b> Arsyad, Azhar. 2003. <i>Learning Media.</i> Jakarta: PT. Raja Grafindo Persada.</p>	50%
11	Students are able to understand computer-based learning media	<ol style="list-style-type: none"> <li>1.Describe the characteristics of computer-based learning media</li> <li>2.Explain the types of computer-based learning media</li> <li>3.Explain the function of computer-based learning media</li> <li>4.Explain the use of computer-based learning media</li> <li>5.Explain how to develop computer-based learning media</li> <li>6.Explain the advantages and disadvantages of computer-based learning media.</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1.The assessment criteria are carried out by looking at aspects:</li> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</li> <li>4.3. UAS: carried out every semester to measure all indicators (weight 3)</li> <li>5.4. Task: carried out on each indicator (weight 3)</li> </ol> <p><b>Forms of Assessment :</b> Participatory Activities, Practical Assessment, Tests</p>	Presentation Questions and Answers Discussion \ Case Study 3 X 50	Presentation Questions and Answers Case Study Discussion 3 X 50	<p><b>Material:</b> computer-based learning media <b>Reader:</b> Arsyad, Azhar. 2003. <i>Learning Media.</i> Jakarta: PT. Raja Grafindo Persada.</p> <p><b>Material:</b> computer-based learning media <b>Reader:</b> Warsita, Bambang. 2008. <i>Learning Technology.</i> Jakarta: PT. Rineka Cipta.</p> <p><b>Material:</b> computer-based learning media <b>References:</b> Sadiman, Arief, et al. 2007. <i>Educational Media: Definition, Development and Use.</i> Jakarta: Rajagrafindo Persada.</p>	0%

12	Create audio teaching materials	<ol style="list-style-type: none"> <li>1. Definition of audio teaching materials</li> <li>2. Various audio teaching materials</li> <li>3. Uses of audio teaching materials</li> <li>4. Advantages and disadvantages of audio teaching materials</li> <li>5. Elements of audio teaching materials</li> <li>6. Rare - steps in preparing and developing audio teaching materials</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1. The assessment criteria are carried out by looking at aspects:</li> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</li> <li>4.3. UAS: carried out every semester to measure all indicators (weight 3)</li> <li>5.4. Task: carried out on each indicator (weight 3)</li> </ol> <p><b>Form of Assessment :</b> Practical Assessment</p>	PJBL Questions and Answers 3 X 50 Demonstration Presentation	PJBL Questions and Answers Demonstration Presentation 3 x 50 Minutes	<p><b>Material:</b> audio teaching materials <b>Library:</b> <i>Dananjaya, Utomo. 2010. Active learning media. Jakarta: Nuansa Cendikia.</i></p> <hr/> <p><b>Material:</b> audio teaching materials <b>Reader:</b> <i>Asyhar, Rayandra. 2013. Creatively developing Learning Media. Jakarta: Beta Books.</i></p>	0%
13	Create audio teaching materials	<ol style="list-style-type: none"> <li>1. Definition of audio teaching materials</li> <li>2. Various audio teaching materials</li> <li>3. Uses of audio teaching materials</li> <li>4. Advantages and disadvantages of audio teaching materials</li> <li>5. Elements of audio teaching materials</li> <li>6. Rare - steps in preparing and developing audio teaching materials</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1. The assessment criteria are carried out by looking at aspects:</li> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</li> <li>4.3. UAS: carried out every semester to measure all indicators (weight 3)</li> <li>5.4. Task: carried out on each indicator (weight 3)</li> </ol> <p><b>Form of Assessment :</b> Practical Assessment</p>	PJBL 3 X 50	PJBL 3 x 50 Minutes	<p><b>Material:</b> audio teaching materials <b>Library:</b> <i>Dananjaya, Utomo. 2010. Active learning media. Jakarta: Nuansa Cendikia.</i></p> <hr/> <p><b>Material:</b> audio teaching materials <b>Reader:</b> <i>Asyhar, Rayandra. 2013. Creatively developing Learning Media. Jakarta: Beta Books.</i></p>	50%

14	Creating Learning Videos, Learning Applications (E-Sigil, Flipbook and others)	<ol style="list-style-type: none"> <li>1. Definition of video teaching materials</li> <li>2. Advantages and disadvantages of video teaching materials</li> <li>3. Films and their use as teaching materials</li> <li>4. The advantages and disadvantages of the film</li> <li>5. Elements of video or film teaching materials</li> <li>6. Rare - steps in preparing video or film teaching materials</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1. The assessment criteria are carried out by looking at aspects:             <ol style="list-style-type: none"> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</li> <li>4.3. UAS: carried out every semester to measure all indicators (weight 3)</li> <li>5.4. Task: carried out on each indicator (weight 3)</li> </ol> </li> <li>6. Student Final Grade:</li> <li>7. Participation Score (2) x Lever Score (3) x UTS Score (2) x UAS Score (3) divided by 10.</li> </ol> <p><b>Form of Assessment :</b> Project Results Assessment / Product Assessment</p>	PJBL 3 X 50 Question and Answer Presentation Discussion	PJBL Question and Answer Presentation Discussion 3 x 50	<p><b>Material:</b> Audio teaching materials <b>Library:</b> <i>Musfiqon. 2012. Development of Media and Learning Resources. Jakarta: Pustakaraya Achievement.</i></p> <p><b>Material:</b> Rare - steps for preparing video or film teaching materials <b>References:</b> <i>Asyhar, Rayandra. 2013. Creatively developing Learning Media. Jakarta: Beta Books.</i></p>	0%
15	Creating Learning Videos, Learning Applications (E-Sigil, Flipbook and others)	<ol style="list-style-type: none"> <li>1. Definition of video teaching materials</li> <li>2. Advantages and disadvantages of video teaching materials</li> <li>3. Films and their use as teaching materials</li> <li>4. The advantages and disadvantages of the film</li> <li>5. Elements of video or film teaching materials</li> <li>6. Rare - steps in preparing video or film teaching materials</li> </ol>	<p><b>Criteria:</b></p> <ol style="list-style-type: none"> <li>1. The assessment criteria are carried out by looking at aspects:             <ol style="list-style-type: none"> <li>2.1. Participation: carried out by observing student activities (weight 2)</li> <li>3.2. UTS: carried out with an assessment during the middle of the semester (weight 2)</li> <li>4.3. UAS: carried out every semester to measure all indicators (weight 3)</li> <li>5.4. Task: carried out on each indicator (weight 3)</li> </ol> </li> <li>6. Student Final Grade:</li> <li>7. Participation Score (2) x Lever Score (3) x UTS Score (2) x UAS Score (3) divided by 10.</li> </ol> <p><b>Form of Assessment :</b> Project Results Assessment / Product Assessment</p>	PJBL 3 X 50 Question and Answer Presentation Discussion	PJBL Question and Answer Presentation Discussion 3 x 50	<p><b>Material:</b> Audio teaching materials <b>Library:</b> <i>Musfiqon. 2012. Development of Media and Learning Resources. Jakarta: Pustakaraya Achievement.</i></p> <p><b>Material:</b> Rare - steps for preparing video or film teaching materials <b>References:</b> <i>Asyhar, Rayandra. 2013. Creatively developing Learning Media. Jakarta: Beta Books.</i></p>	0%



16	Final exams		<b>Criteria:</b> 1.The assessment criteria are carried out by looking at aspects: 2.1. Participation: carried out by observing student activities (weight 2) 3.2. UTS: carried out with an assessment during the middle of the semester (weight 2) 4.3. UAS: carried out every semester to measure all indicators (weight 3) 5.4. Task: carried out on each indicator (weight 3) 6.Student Final Grade: 7.Participation Score (2) x Lever Score (3) x UTS Score (2) x UAS Score (3) divided by 10.	3 X 50			30%
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**Evaluation Percentage Recap: Project Based Learning**

No	Evaluation	Percentage
1.	Participatory Activities	27.5%
2.	Project Results Assessment / Product Assessment	100%
3.	Practical Assessment	50%
4.	Test	27.5%
		100%

**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.
- 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.
- 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.
- 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.
- Forms of assessment:** test and non-test.
- 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.
- 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.

