



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

Document Code

**SEMESTER LEARNING PLAN**

<b>Courses</b>	<b>CODE</b>	<b>Course Family</b>	<b>Credit Weight</b>	<b>SEMESTER</b>	<b>Compilation Date</b>												
Production Equipment Operations	8321202074		T=2 P=0 ECTS=3.18	0	July 18, 2024												
<b>AUTHORIZATION</b>	<b>SP Developer</b>	<b>Course Cluster Coordinator</b>		<b>Study Program Coordinator</b>													
	.....	.....		Imami Arum Tri Rahayu, S.Pd., M.Pd.													
<b>Learning model</b>	<b>Case Studies</b>																
<b>Program Learning Outcomes (PLO)</b>	PLO study program that is charged to the course																
	Program Objectives (PO)																
	PLO-PO Matrix																
		P.O															
	<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
<b>Short Course Description</b>	This course studies tools for the fashion industry which consist of: identifying, explaining, operating, maintaining basic sewing tools for small and large industries as well as additional sewing tools for small and large industries. General discussion description of identifying basic sewing tools and additional sewing tools for small industries and large industries, explaining basic sewing tools and additional sewing tools for small industries and large industrial sewing tools, operating basic sewing tools for small industries and large industrial sewing tools, how to operate and maintain basic sewing tools and additional sewing tools for small and large industries, creating objects using basic tools and supporting sewing tools, on woven fabrics and knitted fabrics, as well as visiting a large fashion industry (garment)																
<b>References</b>	<b>Main :</b>																
	1. Bimo, 1992. Kenalilah Mesin Jahit Anda. Bandung: Terat Reader's Digest. 1989. Complet Guide to Sewing, NewYork, The Reader's Digest Assosiation Andrian M , 2000. Tips Terpenting Dasar Menjahit, Jakarta, Dian Rakyat Singer, 1998 . Sewing Specially Fabric, Minessota, De Cosse Incorporated Russanti, Irma. 2015. Modul 1 Teknik menjahit. Unipress. Unesa																
	<b>Supporters:</b>																
<b>Supporting lecturer</b>	Dr. Irma Russanti, S.Pd., M.Ds.																
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	Have an understanding of industrial tools, their objectives and scope	1. Explain the meaning of clothing industry sewing tools. 2. Explain the purpose of studying clothing industry sewing tools. 3. Explain the scope of clothing industry tools. 4. Identify the classification of sewing tools.	<b>Criteria:</b> 1-100	Lecture Discussion 2 X 50			0%										

2	Able to understand basic sewing tools	1. Explain the meaning of basic sewing tools. 2. Identify the types of basic sewing tools for the fashion industry. 3. Understand the parts of basic sewing machines. 4. Explain the steps to operate basic sewing tools	Criteria: 1-100	presentation discussion 2 X 50			0%
3	Able to operate basic sewing tools (sewing machine)	1. Skilled in operating basic sewing tools and realized in straight, curved, square, circle stitches on paper 2. Skilled in operating basic sewing tools and realized in straight, curved, square, circle stitches on fabric.	Criteria: 1-100	Practice demonstration giving assignments 2 X 50			0%
4	Able to operate basic sewing tools (sewing machine)	1. Skilled in operating basic sewing tools and realized in straight, curved, square, circle stitches on paper 2. Skilled in operating basic sewing tools and realized in straight, curved, square, circle stitches on fabric.	Criteria: 1-100	Practice demonstration giving assignments 2 X 50			0%
5	Able to operate basic sewing tools (sewing machine)	1. Skilled in operating basic sewing tools and realized in straight, curved, square, circle stitches on paper 2. Skilled in operating basic sewing tools and realized in straight, curved, square, circle stitches on fabric.	Criteria: 1-100	Practice demonstration giving assignments 2 X 50			0%
6	Have the ability to care for basic sewing tools	Explain the meaning of caring for basic sewing tools. Explain the types of maintenance for basic sewing tools. Identify how to care for basic sewing tools according to the steps	Criteria: 1-100	PresentationDiscussionPractice 2 X 50			0%
7	Able to operate additional sewing tools	explain the meaning of additional sewing tools, identify the differences in form and function of additional sewing tools, explain how to operate additional sewing tools	Criteria: 1-100	Discussion Presentation Demonstration assignment 2 X 50			0%
8	Able to operate additional sewing tools	explain the meaning of additional sewing tools, identify the differences in form and function of additional sewing tools, explain how to operate additional sewing tools	Criteria: 1-100	Discussion Presentation Demonstration assignment 2 X 50			0%
9	UTS			2 X 50			0%
10	Able to understand supporting sewing tools	explain the meaning of supporting sewing toolsdifferentiate supporting sewing tools based on their classificationanalyze the function and shape of supporting sewing toolsexplain how to operate supporting sewing toolsexplain how to care for supporting sewing tools	Criteria: 1-100	PresentationDiscussionDemonstration 2 X 50			0%
11	Able to understand supporting sewing tools	explain the meaning of supporting sewing toolsdifferentiate supporting sewing tools based on their classificationanalyze the function and shape of supporting sewing toolsexplain how to operate supporting sewing toolsexplain how to care for supporting sewing tools	Criteria: 1-100	PresentationDiscussionDemonstration 2 X 50			0%

12	Able to understand supporting sewing tools	explain the meaning of supporting sewing tools differentiate supporting sewing tools based on their classification analyze the function and shape of supporting sewing tool explain how to operate supporting sewing tool explain how to care for supporting sewing tools	Criteria: 1-100	Presentation Discussion Demonstration 2 X 50		0%
13	Able to apply sewing tools in making t shirts	explain the meaning of t shirts explain the sewing tools used to make t shirts apply sewing tools to make t shirts according to the steps	Criteria: 1-100	presentation discussion assignment 2 X 50		0%
14	Able to apply sewing tools in making t shirts	explain the meaning of t shirts explain the sewing tools used to make t shirts apply sewing tools to make t shirts according to the steps	Criteria: 1-100	presentation discussion assignment 2 X 50		0%
15	Able to apply sewing tools in making t shirts	explain the meaning of t shirts explain the sewing tools used to make t shirts apply sewing tools to make t shirts according to the steps	Criteria: 1-100	presentation discussion assignment 2 X 50		0%
16						0%

**Evaluation Percentage Recap: Case Study**

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.
- 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.