



**Universitas Negeri Surabaya
Faculty of Vocational Studies
D4 Fashion Design Study Program**

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date																																									
industrial machines and K3	99999440502043		T=2	P=0	ECTS=3.18	0	July 17, 2024																																									
AUTHORIZATION	SP Developer		Course Cluster Coordinator			Study Program Coordinator																																										
			Dr. Irma Russanti, S.Pd., M.Ds.																																										
Learning model	Case Studies																																															
Program Learning Outcomes (PLO)	PLO study program that is charged to the course																																															
	Program Objectives (PO)																																															
	PLO-PO Matrix																																															
		P.O																																														
	PO Matrix at the end of each learning stage (Sub-PO)																																															
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td rowspan="2" style="width: 5%;">P.O</td> <td colspan="16" style="text-align: center;">Week</td> </tr> <tr> <td style="width: 3%;">1</td> <td style="width: 3%;">2</td> <td style="width: 3%;">3</td> <td style="width: 3%;">4</td> <td style="width: 3%;">5</td> <td style="width: 3%;">6</td> <td style="width: 3%;">7</td> <td style="width: 3%;">8</td> <td style="width: 3%;">9</td> <td style="width: 3%;">10</td> <td style="width: 3%;">11</td> <td style="width: 3%;">12</td> <td style="width: 3%;">13</td> <td style="width: 3%;">14</td> <td style="width: 3%;">15</td> <td style="width: 3%;">16</td> </tr> </table>															P.O	Week																1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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Short Course Description	This course contains a theoretical study of garment industry machines which includes various sewing machines (home sewing machines, heavy-duty home machines, industrial sewing machines, serger & overlock machines, specialized machines), machine accessories, how to use the machine, adjusting tension, various stitches, various layers, machine maintenance and repair. Theory about K3 which includes definitions, objectives, principles, scope of K3 in the garment industry. Applying various machines and accessories in making projects, including making wrinkles, attaching elastic, attaching tires, folding and sewing necklines, belt holes, jeans hems, side pocket decorations and so on.																																															
References	Main :																																															
	1. Blodget, Clifford L. 2013. <i>The Sewing Machine Master Guide: from basic to expert</i> . Blodget Publishing. 2. Landon, Nancy. 2018. <i>Singer: The Complete Photo Guide to Sewing: 3rd edition</i> . Minneapolis: Creative Publishing. 3. Lundstrom, Johanna. 2019. <i>Master the Coverstich Machine: the complete coverstich sewing guide</i> . 4. Smith, Alison. 2018. <i>The Sewing Book</i> . New York: DK Publishing. 5. Yellen, Gail Patrice. 2015. <i>Serger Essentials: master the basics & beyond</i> . Georgetown: Fraser Direct.																																															
	Supporters:																																															
Supporting lecturer	JUHRAH SINGKE Dra. Urip Wahyuningsih, 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	Students get to know the concept of fashion production equipment	a. Students can explain the scope of fashion production equipment. b. Students can explain the purpose and function of K3 fashion production equipment c. Students are able to explain the various types and how they work		<ul style="list-style-type: none"> · Lecture method Explanation of fashion production equipment · Group discussion: Analysis of fashion production equipment · Problem Solving: Operating fashion production equipment · Task: Observation of the function, type and working of fashion production equipment 			0%
2	Students get to know the concept of fashion production equipment	a. Students can explain the scope of fashion production equipment. b. Students can explain the purpose and function of K3 fashion production equipment c. Students are able to explain the various types and how they work		<ul style="list-style-type: none"> · Lecture method Explanation of fashion production equipment · Group discussion: Analysis of fashion production equipment · Problem Solving: Operating fashion production equipment · Task: Observation of the function, type and working of fashion production equipment 			0%
3	Students get to know fashion production tools according to their respective functions	Students can get to know: - tools for designing - tools for making patterns - tools for filing patterns - tools for cutting materials - tools for sewing - tools for finishing - packaging/wrapping tools		<ul style="list-style-type: none"> · Lecture method Explanation of fashion production equipment · Group discussion: Analysis of fashion production equipment · Problem Solving: Operating fashion production equipment · Task: Observation of the function, type and working of fashion production equipment 			0%

4	Students can operate fashion production equipment	Students can operate clothing production equipment: - manual sewing machines - semi-automatic sewing machines - automatic sewing machines		<ul style="list-style-type: none"> · Lecture method Explanation of the operation of fashion production equipment · Group discussion: Analysis of the operation of fashion production equipment · Problem Solving: Operating fashion production equipment · Task: Observation of the function, type and working of fashion production equipment 		0%
5	Students can operate fashion production equipment	Students can operate clothing production equipment: - manual sewing machines - semi-automatic sewing machines - automatic sewing machines		<ul style="list-style-type: none"> · Lecture method Explanation of the operation of fashion production equipment · Group discussion: Analysis of the operation of fashion production equipment · Problem Solving: Operating fashion production equipment · Task: Observation of the function, type and working of fashion production equipment 		0%

6	Students can operate fashion production equipment	Students can operate clothing production equipment: - manual sewing machines - semi-automatic sewing machines - automatic sewing machines		· Lecture method Explanation of the operation of fashion production equipment · Group discussion: Analysis of the operation of fashion production equipment · Problem Solving: Operating fashion production equipment · Task: Observation of the function, type and working of fashion production equipment 2 X 50			0%
7	Students can operate fashion production equipment	Students can operate clothing production equipment: - manual sewing machines - semi-automatic sewing machines - automatic sewing machines		· Lecture method Explanation of the operation of fashion production equipment · Group discussion: Analysis of the operation of fashion production equipment · Problem Solving: Operating fashion production equipment · Task: Observation of the function, type and working of fashion production equipment 2 X 50			0%
8							0%
9							0%
10							0%
11							0%
12							0%
13							0%
14							0%
15							0%
16							0%

Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage
		0%

Notes

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** 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.
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.
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 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.