



**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
Sewing Technology & K3	9441003092		T=1	P=2	ECTS=4.77	1	August 21, 2023
AUTHORIZATION	SP Developer		Course Cluster Coordinator			Study Program Coordinator	
	Dr.Irma Russanti, S.Pd., M.Ds.		Dr. Irma Russanti, S.Pd., M.Ds.			Dr. Irma Russanti, S.Pd., M.Ds.	

Learning model	Case Studies
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Program Learning Outcomes (PLO)	PLO study program which is charged to the course															
	PLO-12	Able to apply various pattern making techniques and sewing technology in making clothing according to industry standards														
	PLO-14	Have in-depth theoretical concepts about various types of textile materials, fashion history, fashion design principles, fashion trends, fashion industry structure, sustainable practices in fashion, cultural exploration, and understanding of business aspects in the fashion industry, to carry out the entire creative process and formulate procedural problem solving.														
	Program Objectives (PO)															
	PO - 1	able to understand K3, sewing tools and sewing and finishing techniques and apply them to fragments														
	PO - 2	Understanding K3														
	PO - 3	Understand and operate sewing tools														
	PO - 4	Understand and be able to make various sewing techniques and clothing finishing														
	PLO-PO Matrix															
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PO Matrix at the end of each learning stage (Sub-PO)																																																																																																						
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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 application to products
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References	Main :
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1. Blodget, Clifford L. 2013. The Sewing Machine Master Guide: from basic to expert . Blodget Publishing.
2. Landon, Nancy. 2018. Singer: The Complete Photo Guide to Sewing: 3rd edition. Minneapolis: Creative Publishing.
3. Lundstrom, Johanna. 2019. Master the Coverstich Machine: the complete coverstich sewing guide.
4. Smith, Alison. 2018. The Sewing Book. New York: DK Publishing.
5. Yellen, Gail Patrice. 2015. Serger Essentials: master the basics & beyond. Georgetown: Fraser Direct.

Supporters:

1. Handout, Modul, Video Tutorial

Supporting lecturer

Dra. Urip Wahyuningsih, M.Pd.
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	Students get to know the concept of fashion production equipment and an explanation of RPS	a. Students can explain the scope of fashion production equipment. b. Students can explain the purpose and function of K3c fashion production equipment. Students are able to explain the various types and how they work	Criteria: assignment assessment rubric Form of Assessment : Participatory Activities	Lecture method Explanation of fashion production equipment- Group discussion: Analysis of fashion production equipment- Problem Solving: Operating fashion production equipment- Task: Observe the function, type and working of fashion production equipment 3 X 50		Material: Explanation of RPS Reference: <i>Blodget, Clifford L. 2013. The Sewing Machine Master Guide: from basic to expert. Blodget Publishing.</i>	0%
2	Students are familiar with the concept of K3 and Personal Protective Equipment	a. Students can explain the scope of K3 and APDb. Students can explain the purpose and function of K3 and APDc. Students are able to explain the various types and how K3 and PPE work	Criteria: assignment assessment rubric Form of Assessment : Participatory Activities	· Lecture method Explanation of K3 and PPE · Group discussion: Analysis of K3 and PPE · Problem Solving: solving cases about K3 and PPE · Task: Observation of functions, types of K3 and PPE 3 X 50			5%

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 - pattern filing tools - tools for cutting materials - tools for sewing - tools for finishing - packaging/wrapping tools	<p>Criteria: assignment assessment rubric</p> <p>Form of Assessment : Practical Assessment</p>	<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: Observe the function, type and working of fashion production equipment 3 X 50 		<p>Material: operating fashion production equipment</p> <p>References: <i>Smith, Alison. 2018. The Sewing Book. New York: DK Publishing.</i></p>	5%
4	Students can operate fashion production equipment	Students can operate clothing production equipment: - manual sewing machine - semi-automatic sewing machine - automatic sewing machine	<p>Criteria: assessment rubric according to the process</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	<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 3 X 50 		<p>Material: operating fashion production equipment</p> <p>References: <i>Landon, Nancy. 2018. Singer: The Complete Photo Guide to Sewing: 3rd edition. Minneapolis: Creative Publishing.</i></p>	5%
5	Students can operate fashion production equipment	Students can operate clothing production equipment: - manual sewing machine - semi-automatic sewing machine - automatic sewing machine	<p>Criteria: performance process assessment rubric</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	<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 3 X 50 		<p>Material: operating fashion production equipment</p> <p>References: <i>Smith, Alison. 2018. The Sewing Book. New York: DK Publishing.</i></p>	5%

6	Students can operate fashion production equipment	Students can operate clothing production equipment: - manual sewing machine - semi-automatic sewing machine - automatic sewing machine	<p>Criteria: performance assessment rubric</p> <p>Form of Assessment : Practice / Performance</p>	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 3 X 50		<p>Material: operating fashion production equipment References: Lundstrom, Johanna. 2019. <i>Master the Coverstich Machine: the complete coverstich sewing guide.</i></p>	5%
7	Students can operate fashion production equipment	Students can operate clothing production equipment: - manual sewing machine - semi-automatic sewing machine - automatic sewing machine	<p>Criteria: performance assessment rubric</p>	· 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 3 X 50		<p>Material: operating fashion production equipment Reference: Blodget, Clifford L. 2013. <i>The Sewing Machine Master Guide: from basic to expert.</i> Blodget Publishing.</p>	0%
8	UTS		<p>Form of Assessment : Test</p>	3 X 50		<p>Material: UTS Reader: Landon, Nancy. 2018. <i>Singer: The Complete Photo Guide to Sewing: 3rd edition.</i> Minneapolis: Creative Publishing.</p>	20%
9	Students are able to use sewing machines to make various types of seams	1. Able to differentiate types of kampuh based on their meaning 2. Able to identify seam making techniques 3. Able to make seams using sewing tools	<p>Criteria: 0-100</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	online, discussion, practice 3 X 50		<p>Material: applying a sewing machine to making various seams. Reference: Landon, Nancy. 2018. <i>Singer: The Complete Photo Guide to Sewing: 3rd edition.</i> Minneapolis: Creative Publishing.</p>	5%

10	Students are able to apply attachments to install zippers on fragments	1. Able to differentiate types of attachments based on their meanings2. Able to identify attachment functions3. Able to classify various types of zippers 4. Able to apply attachments to zipper installations	Criteria: 0-100	online, discussion, practice 3 X 50		Material: attachment for installing zippers on fragments Reference: <i>Blodget, Clifford L. 2013. The Sewing Machine Master Guide: from basic to expert. Blodget Publishing.</i>	5%
11	Able to understand sewing techniques for various seams and seam reinforcement	Explain the meaning of seams and seam reinforcements. Classify seams based on type of material and shape. Distinguish various types of seam reinforcements. Analyze sewing techniques for finishing seams and seam reinforcements.	Criteria: 0-100 Form of Assessment : Project Results Assessment / Product Assessment	Project base learning, synchronous and asynchronous 3 X 50		Material: sewing techniques for various seams and seam reinforcement. Reference: <i>Smith, Alison. 2018. The Sewing Book. New York: DK Publishing.</i>	5%
12	Able to understand and create fragments of waist line completion	Explaining the meaning of waistline completion. Grouping waistline completions. Applying waistline completion to fragments	Criteria: 0-100 Form of Assessment : Project Results Assessment / Product Assessment	Project base learning, asynchronous and synchronous 3 X 50		Material: waist line completion References: <i>Smith, Alison. 2018. The Sewing Book. New York: DK Publishing.</i>	5%
13	Able to understand sewing techniques for various sleeves	Able to explain the meaning of sleeves. Able to group types of sleeves. Able to differentiate sleeve sewing techniques based on their type	Criteria: 0-100 Form of Assessment : Project Results Assessment / Product Assessment	Project base learning, synchronous and asynchronous 3 X 50		Material: sewing techniques for various sleeves. Reference: <i>Lundstrom, Johanna. 2019. Master the Coverstich Machine: the complete coverstich sewing guide.</i>	0%
14	Able to understand sewing techniques for finishing necklines	Able to explain the meaning of neckline completion. Able to differentiate types of neckline completion. Able to analyze the sewing technique steps for neckline completion	Criteria: 0-100	project base learning, synchronous and asynchronous 3 X 50		Material: sewing techniques for finishing necklines References: <i>Landon, Nancy. 2018. Singer: The Complete Photo Guide to Sewing: 3rd edition. Minneapolis: Creative Publishing.</i>	5%
15	Able to understand sewing techniques for closing slits	able to explain the meaning of closing slits. Able to classify various types of closing slits. Able to analyze the technical steps for sewing closing slits	Criteria: 0-100 Form of Assessment : Project Results Assessment / Product Assessment	project base learning, asynchronous and synchronous 3 X 50		Material: sewing techniques for closing slits. Reference: <i>Blodget, Clifford L. 2013. The Sewing Machine Master Guide: from basic to expert. Blodget Publishing.</i> Material: sewing techniques for closing slits References:	5%

16	UAS		Form of Assessment : Test			Material: UAS Reference: <i>Blodget, Clifford L. 2013. The Sewing Machine Master Guide: from basic to expert. Blodget Publishing.</i>	30%
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Evaluation Percentage Recap: Case Study

No	Evaluation	Percentage
1.	Participatory Activities	5%
2.	Project Results Assessment / Product Assessment	30%
3.	Practical Assessment	5%
4.	Practice / Performance	5%
5.	Test	50%
		95%

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** abilities in the process and student learning outcomes are specific and measurable statements that identify the abilities 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.