



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

Document Code

SEMESTER LEARNING PLAN

Courses	CODE	Course Family	Credit Weight			SEMESTER	Compilation Date																																																																																			
surface design	8321202163		T=2	P=0	ECTS=3.18	4	November 15, 2022																																																																																			
AUTHORIZATION	SP Developer		Course Cluster Coordinator			Study Program Coordinator																																																																																				
	Ma'rifatun Nashikhah, S.Pd, M.Pd		Dr. Sn.Inty Nahari, S.Pd., M.Ds.			Imami Arum Tri Rahayu, S.Pd., M.Pd.																																																																																				
Learning model	Project Based Learning																																																																																									
Program Learning Outcomes (PLO)	PLO study program that is charged to the course																																																																																									
	PLO-8	Skilled in applying scientific concepts of fashion design in developing regional cultural innovation and creativity																																																																																								
	PLO-9	Skilled in competency skills in the field of fashion including: fashion designer, pattern maker and dressmaker, and fashion crafts with an entrepreneurial perspective																																																																																								
	Program Objectives (PO)																																																																																									
	PO - 1	Students have the ability and understanding of Surface Design																																																																																								
	PO - 2	Students have knowledge of the basic concepts of surface design																																																																																								
	PO - 3	Students have the ability to make various basic stitches in surface design																																																																																								
	PLO-PO Matrix																																																																																									
		<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">P.O</th> <th style="width: 15%;">PLO-8</th> <th style="width: 15%;">PLO-9</th> <th colspan="4"></th> </tr> </thead> <tbody> <tr> <td>PO-1</td> <td></td> <td></td> <td colspan="4"></td> </tr> <tr> <td>PO-2</td> <td></td> <td></td> <td colspan="4"></td> </tr> <tr> <td>PO-3</td> <td></td> <td></td> <td colspan="4"></td> </tr> </tbody> </table>						P.O	PLO-8	PLO-9					PO-1							PO-2							PO-3																																																													
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Short Course Description	This course examines the basic concepts of surface design which focuses on hand embroidery and embroidery (understanding, history, purpose, tools and materials). Hand embroidery and embroidery designs include sources, basic design motifs and basic design principles), types of hand embroidery and various types of embroidery, machine embroidery machine operations and being able to operate semi-automatic embroidery (Computerized Embroidery). Working on hand embroidery and embroidery techniques on finished products such as clothing accessories, accessories, clothing accessories, house wear (household linen).																																																																																									
References	Main :																																																																																									
	<ol style="list-style-type: none"> 1. Hasyim,Heny. 2009. Bordir Aplikasi. Surabaya: Jiara Aksa 2. Ganderton, Lucinda. 2015. Embroidery Stitches step by step. Great Britain: Dorling Kindersley Limited. 3. Kriswati,Enny. 2010. Seni Bordir. Bandung : Humaniara Utama Press. 4. Rezendes, Cheryl.2013. Fabric Surface Design. North Adams: Storey Publishing. 5. Singer.Instruction for art Embroidery and lace work. New York. 6. Suhersono,Hery. 2011. Mengenal lebih dalam bordir lukis. Jakarta : Dian Rakyat. 7. Suhersono,Hery. 2005. Desain bordir motif Geometris. Jakarta : Gramedia Pustaka Utama. 8. Suhersono,Hery. 2004. Desain bordir motif kerancang, tepi dan lengkung. Jakarta :Gramedia Pustaka Utama. 9. Suhersono,Hery. 2004. Desain bordir motif flora & dekoratif. Jakarta : GramediaPustaka Utama. 10. Wancik,Tresna Jero. 2000. Adikriya Sulam Indonesia (Indonesian Embroidery Heritage).Jakarta : Yayasan Sulam Indonesia. 11. Yuliarma. 2016. The Art of Embroidery Design. Jakarta: KPG. 12. Computerized Embroidery Machine Operation manual by brother. China. 																																																																																									
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Supporting lecturer		Peppy Mayasari, S.Pd., M.Pd. Ma'rifatun Nashikhah, 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	Students understand the basic concepts of surface design which focus on hand embroidery and embroidery	1.1. Explain the meaning of surface design 2.2. Explain the function of surface design 3.3. Explain the various types of embroidery 4.4. Explain the principles of surface design 5.5. Explain the various sources of ideas for surface design development	Criteria: 1-100 Form of Assessment : Participatory Activities	Hybrid Learning: 1. Hold discussions regarding the lecturer's lecture contract with students 2. Lecture explaining the RPS for the course 3. Explain material related to the basic concepts of surface design 3. Discussion regarding agreements and techniques in surface design lectures 4. Discussion and questions and answers related to the concept of the subject surface design lecture 5. Discussion and questions and answers regarding the 1 X 50 surface design concept	Synchronous (google meet): 1. Holding discussions regarding the lecturer's lecture contract with students 2. Lecture explaining the course RPS 3. Explaining material related to the basic concepts of surface design 3. Discussion regarding agreements and techniques in surface design lectures 4. Discussion and Q&A related to the concept of the surface design course 5. Discussion and questions and answers related to the concept of surface design 1x 50	Material: understanding of embroidery in surface design References: 1. <i>Wancik, Tresna Jero. 2000. Adikriya Sulam Indonesia (Indonesian Embroidery Heritage). Jakarta: Indonesian Embroidery Foundation</i> <hr/> Material: functions and types of embroidery Library: <i>Wancik, Tresna Jero. 2000. Adikriya Sulam Indonesia (Indonesian Embroidery Heritage). Jakarta: Indonesian Sulam Foundation.</i>	5%
2	Students understand the basic concepts of surface design which focus on white embroidery	1.1. Explain the meaning of white embroidery 2.2. Explain the function of white embroidery 3.3. Explain the various types of white embroidery	Criteria: 1-100 Form of Assessment : Participatory Activities	1. Discussion regarding white embroidery material 2. Questions and answers regarding white embroidery 5. Discussion and questions and answers regarding the 2 X 50 surface design concept		Material: principles and various sources of ideas in surface design development. Reference: 2. <i>Yuliarma. 2016. The Art of Embroidery Design. Jakarta: KPG</i> <hr/> Material: white embroidery Reader: <i>Yuliarma. 2016. The Art of Embroidery Design. Jakarta: KPG.</i>	0%

3	Students can make colored embroidery & ribbon embroidery	<p>1.1. Explain the meaning of colored embroidery & ribbons</p> <p>2.2. Explain the various types of colored embroidery & ribbons</p> <p>3.3. Make colored embroidery designs & ribbons</p> <p>4.4. Create reports and jobdesk</p>	<p>Criteria: 1-100</p> <p>Form of Assessment : Participatory Activities, Practice/Performance</p>	<p>Classroom learning: Discussion and Presentation Project Based Learning:</p> <p>1. Phase 1: Divide groups according to problems regarding colored embroidery 2. Phase 2: Design colored embroidery according to the criteria 3. Phase 3: students can arrange jobdesks according to their respective assignments 2 X 50</p>		<p>Material: colored embroidery Reader: <i>Ganderton, Lucinda. 2015. Embroidery Stitches step by step. Great Britain: Dorling Kindersley Limited.</i></p>	5%
4	Students can make colored embroidery & ribbons	choose the finished design & type of material used to make colored embroidery & ribbons	<p>Criteria: 1-100</p> <p>Form of Assessment : Participatory Activities, Practice/Performance</p>	<p>Project Based Learning:</p> <p>1. Phase 4: Monitoring techniques related to making various colored embroidery & ribbons 2. Students can choose the type of material used to make colored embroidery & 2 X 50 ribbons</p>		<p>Material: various decorative designs Reader: <i>Suhersono, Hery. 2004. Floral & decorative motif embroidery designs. Jakarta : GramediaPustaka Utama.</i></p> <p>Material: application of decorative designs Reader: <i>Suhersono, Hery. 2005. Geometric motif embroidery design. Jakarta: Gramedia Pustaka Utama.</i></p>	5%
5	Students can make openwork embroidery	<p>1.1. Explain the meaning of openwork embroidery</p> <p>2.2. Explain the various types of openwork embroidery</p> <p>3.3. Explain the various types of openwork embroidery materials</p>	<p>Criteria: 1-100</p> <p>Form of Assessment : Participatory Activities, Practice/Performance</p>	<p>Lectures, group discussions , questions and answers, exercises and assignments 2 X 50</p>		<p>Material: various decorative designs Reader: <i>Suhersono, Hery. 2004. Floral & decorative motif embroidery designs. Jakarta : GramediaPustaka Utama.</i></p> <p>Material: openwork embroidery Reader: <i>Ganderton, Lucinda. 2015. Embroidery Stitches step by step. Great Britain: Dorling Kindersley Limited.</i></p>	5%
6	Students can understand the basic concepts of computer embroidery and the tools used in computer embroidery	<p>1.1. Explain the meaning of computer embroidery</p> <p>2.2. Explain the various tools available in computer embroidery</p> <p>3.4. Create a computer embroidery prototype design</p>	<p>Criteria: 1-100</p> <p>Form of Assessment : Participatory Activities</p>	<p>Lectures, group discussions , questions and answers, exercises and assignments 2 X 50</p>		<p>Material: computer embroidery Library: <i>Computerized Embroidery Machine Operation manual by brother. China.</i></p>	10%

7	Students can apply computer embroidery techniques with the Wilcom program.	the finished product is colored embroidery & ribbon	Criteria: 1-100 Form of Assessment : Participatory Activities	discussion of the application of computer embroidery with the Wilcom program. Project Based Learning (PjBL) Phase 5: Evaluation of finished colored embroidery results & ribbons Phase 6: Evaluation of Experience Providing input on finished colored embroidery results & 2 X 50 ribbons		Material: computer embroidery with the wilcom program Library: <i>Computerized Embroidery Machine Operation manual by brother. China.</i>	10%
8	UTS		Criteria: 1-100 Form of Assessment : Practical Assessment, Test	written and practical test 2 X 50		Material: all materials 1-7 References: <i>Rezendes, Cheryl.2013. Fabric Surface Design. North Adams: Storey Publishing.</i> Material: material 1-7 Reference: <i>Computerized Embroidery Machine Operation manual by brother. China.</i>	20%
9	Students can make openwork/designed embroidery	1.1. Explain the meaning of openwork/designed embroidery 2.2. Explain the various types of openwork/designed embroidery 3.3. Design openwork/designed embroidery 4.4. Create reports and jobdesk	Criteria: 1-100 Form of Assessment : Practical Assessment, Practice/Performance	Lectures, group discussions, questions and answers, exercises and assignments. 2 X 50		Material: openwork embroidery Library: <i>Singer. Instruction for art Embroidery and lace work. New York.</i> Material: various types of openwork embroidery Reader: <i>Suhersono, Hery. 2004. Design of embroidery with designer motifs, edges and curves. Jakarta: Gramedia Pustaka Utama.</i> Material: designing openwork embroidery Reader: <i>Hasyim, Heny. 2009. Application Embroidery. Surabaya: Jiara Aksa</i>	10%

10	Students can make openwork/designed embroidery	<p>1.1. Explain the meaning of openwork/designed embroidery</p> <p>2.2. Explain the various types of openwork/designed embroidery</p> <p>3.3. Design openwork/designed embroidery</p> <p>4.4. Create reports and jobdesk</p>	<p>Criteria: 1-100</p> <p>Form of Assessment : Practical Assessment, Practice/Performance</p>	Lectures, group discussions, questions and answers, exercises and assignments. 2 X 50		<p>Material: openwork embroidery Library: <i>Singer. Instruction for art Embroidery and lace work. New York.</i></p> <hr/> <p>Material: various types of openwork embroidery Reader: <i>Suhersono, Hery. 2004. Design of embroidery with designer motifs, edges and curves. Jakarta: Gramedia Pustaka Utama.</i></p> <hr/> <p>Material: designing openwork embroidery Reader: <i>Hasyim, Heny. 2009. Application Embroidery. Surabaya: Jiara Aksa</i></p>	10%
11	Students can 2D embroidery and incrustation	<p>1.1. Explain the meaning of 2-Dimensional embroidery and incrustation</p> <p>2.2. Explain the various types of 2-Dimensional embroidery and incrustation</p> <p>3.3. Designing 2-Dimensional embroidery and incrustation</p> <p>4.4. Make 2-Dimensional embroidery and incrustation</p> <p>5.5. Create reports and jobdesk</p>	<p>Criteria: 1-100</p> <p>Forms of Assessment : Project Results Assessment / Product Assessment, Practical Assessment</p>	Lectures, group discussions, questions and answers, exercises and assignments. 2 X 50		<p>Material: 2D embroidery and incrustation Library: <i>Yuliarma. 2016. The Art of Embroidery Design. Jakarta: KPG.</i></p>	5%
12	Students can get 3D embroidery	<p>1.1. Explain the meaning of 3D embroidery</p> <p>2.2. Explain the various types of 3D embroidery</p> <p>3.3. Design 3D embroidery</p> <p>4.4. Make 3D embroidery</p> <p>5.5. Create reports and jobdesk</p>	<p>Criteria: 1-100</p> <p>Forms of Assessment : Project Results Assessment / Product Assessment, Practical Assessment</p>	Project Based Learning: 1. Phase 4: Monitoring techniques related to making 3D embroidery 2. Students can choose the type of material used for 3D embroidery 2 X 50		<p>Material: designing 3D embroidery Reader: <i>Yuliarma. 2016. The Art of Embroidery Design. Jakarta: KPG.</i></p> <hr/> <p>Material: techniques for making 3D embroidery Reader: <i>Hasyim, Heny. 2009. Application Embroidery. Surabaya: Jiara Aksa</i></p>	5%
13	Students can make velvet and stitch embroidery	<p>1.1. Definition of velvet and stitch embroidery</p> <p>2.2. various types of velvet and stitch embroidery</p> <p>3.3. Making velvet and stitch embroidery</p>	<p>Criteria: 1-100</p> <p>Form of Assessment : Project Results Assessment / Product Assessment</p>	Lectures, group discussions, questions and answers, exercises and assignments. 2 X 50		<p>Material: Velvet embroidery and stitches Reference: 2. <i>Yuliarma. 2016. The Art of Embroidery Design. Jakarta: KPG</i></p>	5%

14	Students can create a final project in the form of a finished product	1.1. Present the results of the project 2.2. Students solve problems on the finished products that have been made	Criteria: 1-100 Form of Assessment : Project Results Assessment / Product Assessment	PjBL, Presentations, Discussions and Questions and Answers: Presenting the finished results to the final product Carrying out analysis and evaluation of the finished project 2 X 50		Material: project on applying various embroidery techniques Reader: <i>Yuliarna. 2016. The Art of Embroidery Design. Jakarta: KPG.</i> Material: material selection in making fashion projects Reference: <i>Rezendes, Cheryl. 2013. Fabric Surface Design. North Adams: Storey Publishing.</i>	5%
15	Prepare embroidery making reports responsibly, communicatively and effectively in their own work	1.1. Prepare a final report on the finished embroidery product 2.2. Apply a responsible, communicative and effective attitude in preparing surface design reports	Criteria: 1-100 Form of Assessment : Portfolio Assessment	Discussion and Q&A: Phase 6: analyzing and evaluating the project report for making and developing embroidery Students apply a responsible, communicative and effective attitude 2 X 50		Material: preparation of an embroidery portfolio References: 1. <i>Wancik, Tresna Jero. 2000. Adikriya Sulam Indonesia (Indonesian Embroidery Heritage). Jakarta: Indonesian Embroidery Foundation</i> Material: portfolio contents related to clothing making projects Reader: <i>Wancik, Tresna Jero. 2000. Adikriya Sulam Indonesia (Indonesian Embroidery Heritage). Jakarta: Indonesian Sulam Foundation.</i>	5%
16		meeting materials 1-15	Criteria: 1-100 Form of Assessment : Practical Assessment, Practice/Performance, Test	written test and performance test 2 X 50		Material: material 1-15 Bibliography: <i>Wancik, Tresna Jero. 2000. Adikriya Sulam Indonesia (Indonesian Embroidery Heritage). Jakarta: Indonesian Sulam Foundation.</i> Material: material 1-15 Reference: <i>Computerized Embroidery Machine Operation manual by brother. China.</i>	30%

Evaluation Percentage Recap: Project Based Learning

No	Evaluation	Percentage
1.	Participatory Activities	32.5%
2.	Project Results Assessment / Product Assessment	15%
3.	Portfolio Assessment	5%
4.	Practical Assessment	35%
5.	Practice / Performance	27.5%
6.	Test	20%
		100%

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** 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.
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.