

Course Syllabus

1. Course Title: Practice of Preparation of Garment Manufacturing Course Code: PPAP323151

2. Credit Units: 2 (0/2/4) (0 units of theory/ 2 unit of practice/ 4 units of self-study)

Duration: 9 weeks (0 hours of theory+10 hours of practice, and 20 hours of self-study per week)

3. Course Instructors

1/ MSc. Tran Thanh Huong

2/ MSc. Le Quang Lam Thuy

3/ MSc. Ta Vu Thuc Oanh

4/ MSc. Tran Thi Cam Tu

5/ MSc. Pham Thi Ha

6/ MSc. Nguyen Thi Thuy

4. Course Requirements

Prerequisite courses: None

Previous courses: Preproduction

5. Course Description

The course equips students with skills in design, grade, maker making, building detailed machining technology and product assembly process, calculating consumption, building a complete technical documentation for producing a product.

6. Course Goals

Goals	Goal Description	ELOs	Scale
G1	Basic and natural scientific knowledge to process data in the sample design, grading, size match, maker making, and advanced professional knowledge about sample design, set up process machining product, calculation methods and technical technology building for a product.	ELO-01	4
		ELO-03	5
G2	Analysis, calculation and empirical skills solve hypothetical situations related to preparation of garment production	ELO-06	5
		ELO-08	4
G4	The importance of environmental and social activities for businesses and vice versa. Form ideas, calculate, design documents, appropriate technical systems for production preparation.	ELO-14	4
		ELO-15	6
		ELO-16	4

7. Course Learning Outcomes (CLOs)

CLOs	CLO Description	ELOs	Scale	
G1	CLO1	Analyze to handle internal data in grading , size match, calculate material and time norms , pace of production, load	ELO-01	4
	CLO2	Interpret the sample design process; grading, maker making; calculating the technical norms of garment industry; techniques for preparing technology materials	ELO-03	5
G2	CLO3	Perceive systematically about steps to implement the technological process in each production stage and proposing an adjustment plan suitable to the reality.	ELO-06	5
	CLO4	Identify the learning and respect corporate culture; honest in updating information and handling situations effectively.	ELO-08	4
G4	CLO5	List technical ideas to meet customers' requirements in the process of preparing the garment industry	ELO-14	4
	CLO6	Design types of patterns, technological processes and proposing technical solutions, contributing to enhancing the position of enterprises	ELO-15	6

CLO7	Apply experimental technical solutions in the process of design, grading, size match, maker making and production technology processes suitable to business conditions	ELO-16	4
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8. Learning Ethics

Students must do homework by themselves. If plagiarism is found students will get zero point.

9. Course Content

Week	Content	CLOs	Scale	Teaching Methods	Evaluation method
1	Practice # 1: Design finished pattern for men's shirts				
	A/ Content and pedagogical methods in class: (10) Content: Students read the technical document carefully Design the finished pattern, according to the measurement specification Check shapes, size parameters and matching between pieces Additional information on patterns. Submit	CLO1 CLO2 CLO3 CLO6	4 5 5 6	Instruction Explanation Discussion	Q&A
	B/ Self-study content: (20) Learn about designing men's trouser	CLO1 CLO2 CLO4	4 5 4		
2	Practice # 1: Set up the sketch -sample description and draw a picture depicting the assembly process of men's trousers				
	A/ Content and pedagogical methods in class: (10) Content: Analysis of men's products and drafting of sketch - sample descriptions Proposing the naming of work steps and drafting the Sewing Process Table Discuss the proposed sewing process and drawings, complete documents.	CLO1 CLO2 CLO3 CLO6 CLO7	4 5 5 6 4	Instruction Explanation Discussion	Q&A
	B/ Self-study content: (20) Review the theory of hard sample cutting and prepare practice equipment for practice # 3	CLO2 CLO3 CLO4	5 5 4		
3	Practice # 3: Design semi- finished pattern for men's shirts				
	A/ Content and pedagogical methods in class: (10) Content: Design semi-finished pattern for pieces. Check the parameters and shapes of the pieces. Copy pattern on hard paper and cut hard pattern according to technical requirements Additional information, notch, drills Punching, stringing, submission	CLO3 CLO4 CLO5 CLO6 CLO7	5 4 4 6 4	Instruction Explanation Discussion	Q&A
	B/ Self-study content: (20) Review the men's shirt design formula and theory of grading patterns	CLO2 CLO3 CLO4	5 5 4		
4	Practice # 4: Grading for men's shirts				

	A/ Content and pedagogical methods in class: (10) Content: Pedagogical methods: Analysis the size steps from the measurement specification Use hard , semi-finished pattern from the 3rd practice , grading all pieces in the product Check shape, size parameters and complete information on pattern Submit	CLO1 CLO2 CLO3 CLO6 CLO7	4 5 5 6 4	Instruction Explanation Discussion	Q&A
	B/ Self-study content: (20) Review the theory of size match Review the theory of technical requirements, methods and process of maker making	CLO2 CLO3 CLO4	5 5 4		
	Practice # 5: Size match and maker making				
5	A/ Content and pedagogical methods in class: (10) Content: Size match according to the learned methods Advanced mini-maker according to width maker and technical requirements Submit	CLO1 CLO2 CLO3 CLO6	4 5 5 6	Instruction Explanation Discussion	Q&A
	B/ Self-study content: (20) Review the calculation methods for the material consumption Review the calculation methods for the thread consumption	CLO2 CLO3 CLO4	5 5 4		
	Practice # 6: Setting the Table of Material consumption, Table Balance of materials.				
6	A/ Content and pedagogical methods in class: (10) Content: Product analysis for information on calculating material consumption. Complete the table of materials consumption Complete balance sheet of materials Submit.	CLO1 CLO2 CLO3 CLO4 CLO6	4 5 5 4 6	Instruction Explanation Discussion	Q&A
	B/ Self-study content: (20) Review the method of calculating time consumption Learn the content related to sewing process table and branch tree diagram.	CLO2 CLO3 CLO4	5 5 4		
	Practice # 7: Set up the technological process table - the tree diagram for a product				
7	A/ Content and pedagogical methods in class: (10) Content: Teacher prepares a sample product for sewing process analysis. Instruct students to set up the technological process table Students continue to calculate the remaining information and complete the Technology Process table Set up the tree map table based on the completed Technology Process table.	CLO1 CLO2 CLO3 CLO4 CLO5 CLO6 CLO7	4 5 5 4 4 6 4	Instruction Explanation Discussion	Q&A

	Submit.					
	B/ Self-study content: (20) See more documents to understand the principles of line design and layout of workshop	CLO2 CLO3 CLO4	5 5 4			
	Practice # 8: Setting up the table of line design and layout workshop					
8	A/ Content and pedagogical methods in class: (10) Content: From the Table of Technological Processes and the branch tree diagram in Practice No. 7, proceed to set up the table of line design Prepare the table of layout workshop based on the established line design table Submit.	CLO1 CLO2 CLO3 CLO4 CLO5 CLO6 CLO7	4 5 5 4 4 6 4	Instruction Explanation Discussion	Q&A	
	B/ Self-study content: (20) Review how to set up a technical document for a product Prepare an industrial sewing product, prepare technical documents for the optional product	CLO2 CLO3 CLO4	5 5 4			
	Practice # 9: Set up the technical document for product					
9	A/ Content and pedagogical methods in class: (10) Content: Student samples products and design technical document under the guidance of teachers.	CLO1 CLO2 CLO3 CLO4 CLO5 CLO6 CLO7	4 5 5 4 4 6 4	Instruction Explanation Discussion	Q&A	
	B/ Self-study content: (20) Complete the documents, submit the paper	CLO1 CLO2 CLO3 CLO4 CLO5 CLO6 CLO7	4 5 5 4 4 6 4			

10. Student Assessment

- Grading scale: 10

- Assessment plan:

Type	Content	Timeline	CLOs	Scale	Assessment method	Assessment tool	Rate (%)
Formative Assignments							50
Ex#1	Design finished pattern for men's shirts	Week 1	CLO1 CLO2 CLO3 CLO6	4 5 5 6	Class exercises	Grading criteria	10
Ex#3	Design semi-finished pattern for men's shirts	Week 3	CLO3 CLO4 CLO5 CLO6 CLO7	5 4 4 6 4	Class exercises	Grading criteria	5
Ex#4	Grading for men's shirts	Week 4	CLO1 CLO2	4 5	Class exercises	Grading criteria	10

			CLO3	5				
			CLO6	6				
			CLO7	4				
Ex#5	Size match and maker making	Week 5	CLO1	4	Class exercises	Grading criteria	5	
			CLO2	5				
			CLO3	5				
			CLO6	6				
Ex#6	Setting the Table of Material consumption, Table Balance of materials.	Week 6	CLO1	4	Class exercises	Grading criteria	5	
			CLO2	5				
			CLO3	5				
			CLO4	4				
			CLO6	5				
Ex#7	Set up the technological process table - the tree diagram for a product	Week 7	CLO1	4	Class exercises	Grading criteria	5	
			CLO2	5				
			CLO3	5				
			CLO4	4				
			CLO5	4				
			CLO6	6				
			CLO7	4				
Ex#8	Setting up the table of line design and layout workshop	Week 8	CLO1	4	Class exercises	Grading criteria	10	
			CLO2	5				
			CLO3	5				
			CLO4	4				
			CLO5	4				
			CLO6	5				
			CLO7	4				
Final exam								50
Ex#2	Set up the sketch -sample description and draw a picture depicting the assembly process of men's trousers	Week 2	CLO1	4	Class exercises	Grading criteria	10	
			CLO2	5				
			CLO3	5				
			CLO6	6				
			CLO7	4				
Ex#9	Set up the technical document for product	Week 9	CLO1	4	Home work	Rubric	40	
			CLO2	5				
			CLO3	5				
			CLO4	4				
			CLO5	4				
			CLO6	6				
			CLO7	4				
Total								100

CLOs	Assessment Types								
	Ex#1	Ex#2	Ex#3	Ex#4	Ex#5	Ex #6	Ex#7	Ex#8	Ex#9
CLO1	x		x	x	x	x	x	x	x
CLO2	x		x	x	x	x	x	x	x
CLO3	x	x	x	x	x	x	x	x	x
CLO4		x			x	x	x		x
CLO5		x				x	x		x
CLO6	x	x	x	x	x	x	x	x	x
CLO7		x	x			x	x	x	x

11. Learning Resources

- Textbooks:

1. Tran Thanh Huong. Textbook of Chuẩn bị sản xuất. HCMC National University Press, 2017.
- References:
1. Tran Thanh Huong. Textbook of Công nghệ may trang phục 3. HCMC National University Press, 2007.
 2. Tran Thanh Huong. Textbook of Công nghệ may trang phục 2. HCMC National University Press, 2007.
 3. Tran Thanh Huong. Textbook of Thiết kế trang phục 5. HCMC National University Press, 2007.
 4. Tran Thi Theu & Nguyen Tuan Anh. Textbook of Thiết kế trang phục 2. HCMC National University Press, 2008.

12. Date of first approval: June 15, 2018

13. Approved by

Dean



Vu Minh Hanh, M.Ed

Head of Department



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Tran Thanh Huong, M.Ed

14. Date and Up-to-date content

	<p>Instructor:</p> <p>Head of Department:</p>
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