

Course Syllabus

- Course Name: Garment Manufacturing Technology** **Course Code: GMTE231451**
- Credit Units: 3 (3/0/6)** (3 units of theory/ 0 unit of practice/ 6 units of self-study)
Duration: 15 weeks (3 hours of theory+0 hours of practice, and 6 hours of self-study per week)
- Course Instructors**
1/ MSc. Tran Thanh Huong
2/ MSc. Le Quang Lam Thuy
3/ MSc. Ta Vu Thuc Oanh
4/ MSc. Pham Thi Ha
- Course Requirements**
Prerequisite courses: None
Previous courses: Sewing Equipment and Maintenance

5. Course Description

This module equips students with basic knowledge of production technology in cutting, sewing and finishing stages. In addition, students know how to apply knowledge to analyze the effects of equipment, materials and technical conditions on product manufacturing technology. Students are given real-world sightseeing conditions to update their knowledge in the garment industry.

6. Course Goals

Goals	Goal Description	ELOs	Scale
G1	Knowledge of expertise: how to write the common size symbol, structure diagram of the sewing production process and the technological process of cutting, sewing, finishing.	ELO-02	4
G2	Technological problems in the process of preparing garment production	ELO-04 ELO-05 ELO-08	4 4 4
G3	Teamwork, communication skills	ELO-10	4
G4	Prediction of errors in order to propose remedial measures - prevention - improvement and rationalization of production;	ELO-13 ELO-16	5 4

7. Course Learning Outcomes (CLOs)

CLOs	CLO Description	ELOs	Scale
G1 CLO1	Select the basic concepts to draw the structure of industrial sewing process; to describe the relationship between stages in the production stages; to present the stages, equipment, specifications, step of production and to explain the impact of specifications to technological processes.	ELO-02	4
G2	CLO2 Analyze and propose solutions to solve problems in practical production in the field of sewing technology Ability to design and test industrial production processes for different products.	ELO-04	4
	CLO3 Analyze technical solutions in the process to develop; survey documents and search electronic information; construct ideas and forming technological solutions in industrial sewing production.	ELO-05	4
	CLO4 Motivate professional skills and attitudes to get high job performances; up to date information in garment industry	ELO-08	4
G3 CLO5	Teamwork, communication skills	ELO-10	4
G4	CLO6 Prove effective communication skills in the process of learning in class and visiting businesses; develop presentation skills in public.	ELO-13	5
	CLO7 Examine the technical systems in garment industry	ELO-16	4

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
1-2	Chapter 1: Overview of the process of industrial sewing production				
	A/ Content and pedagogical methods in class: (3) Content: The process of developing the garment industry Complete number size system Some symbols are often used in the garment industry	CLO1 CLO2	4 4	Presentation Discussion	Q&A
	B/ Self-study content: (6) Collection of labels: size, size, size of symbols on some popular products: underwear, shoes, sandals ...	CLO1	4		
2-3	Chapter 2: Spreading and Cutting stage				
	A/ Content and pedagogical methods in class: (6) Content: Introduction about the cutting process Spreading stage	CLO1 CLO2	4 4	Presentation Discussion	Q&A
	B/ Self-study content: (12) Learn about features, how to operate fabric spreading equipment in the cutting room	CLO1	4		
4-5	Chapter 2: Spreading and Cutting stage (cont)				
	A/ Content and pedagogical methods in class: (18) Content: Copy sample stage Cutting stage Cutting check stage Numbering stage Fusing stage	CLO1 CLO2	4 4	Presentation Discussion	Q&A
	B/ Self-study content: (36) Learn about features, how to operate pressing equipment in cutting room	CLO1	4		
6	Chapter 2: Spreading and Cutting stage (cont)				
	A/ Content and pedagogical methods in class: (3) Content: Pedagogical methods: Embroidering and printing stage Bunding stage Checking semi-finished products and warehousing Introduce personnel in cutting room	CLO1 CLO2 CLO4	4 4 4	Presentation Discussion	Q&A
	B/ Self-study content: (6) Look up information to find images, video clips introducing cutting technology in the garment industry	CLO1 CLO2 CLO4	4 4 4		
7	Chapter 2: Spreading and Cutting stage (cont)				
	A/ Content and pedagogical methods in class: (3) Content: The group reports on the actual process of visiting the cutting room Teachers analyze and evaluate group activities	CLO1 CLO2 CLO3 CLO4 CLO5	4 4 4 4 4	Presentation Discussion Teamwork	Q&A
	B/ Self-study content: (6) Preview the assembly stage	CLO1	4		

8-9	Chapter 3: Assembling stage				
	A/ Content and pedagogical methods in class: (6) Content: Introduction about the assembling stage Ironing stage in sewing process Assembled by thread Assembled by non- thread	CLO1 CLO2 CLO3	4 4 4	Presentation Discussion	Q&A
	B/ Self-study content: (12) Learn about features, how to operate specialized equipment in sewing room	CLO1 CLO3	4 4		
10	Chapter 3: Assembling stage (cont)				
	A/ Content and pedagogical methods in class: (3) Content: Technologies that support sewing production Thread cutting stage Quality inspection standards for garment products Introduce personnel in the sewing room	CLO1 CLO2 CLO4	4 4 4	Presentation Discussion	Q&A
	B/ Self-study content: (6) Find examples about the optimization of sewing technology process	CLO1 CLO2 CLO4	4 4 4		
11	Chapter 3: Assembling stage (cont)				
	A/ Content and pedagogical methods in class: (3) Content: The group reports on the actual process of visiting the sewing room Teachers analyze and evaluate group activities	CLO1 CLO2 CLO3 CLO4 CLO5	4 4 4 4 4	Presentation Discussion Teamwork	Q&A
	B/ Self-study content: (6) Preview the finishing and packing stage	CLO1	4		
12-13	Chapter 3: Finishing and packing stage				
	A/ Content and pedagogical methods in class: (6) Content: Introduction of the finishing and packing stage Special finishing technologies Cleaning stage Final ironing stage	CLO1 CLO2 CLO3 CLO4	4 4 4 4	Presentation Discussion Teamwork	Q&A
	B/ Self-study content: (12) Collect documents related to corporate culture, professional ethics, opportunities and challenges of the garment industry in the process of integration	CLO1 CLO4	4 4		
14	Chapter 3: Finishing and packing stage (cont)				
	A/ Content and pedagogical methods in class: (3) Content: Hanging stage Folding stage Packing stage	CLO1 CLO2 CLO3 CLO4	4 4 4 4	Presentation Discussion Teamwork	Q&A
	B/ Self-study content: (6) Preview the finishing and packing stage	CLO2 CLO3 CLO4	4 4 4		
15	Chapter 3: Assembling stage (cont)				
	A/ Content and pedagogical methods in class: (3) Content: The group reports on the actual process of visiting the finishing room Teachers analyze and evaluate group activities	CLO1 CLO2 CLO3 CLO4 CLO5	4 4 4 4 4	Presentation Discussion Teamwork	Q&A

	B/ Self-study content: (6) Review all subjects	CLO1	4		
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10. Student Assessment

- Grading scale: 10

- Assessment plan:

Type	Content	Timeline	CLOs	Scale	Assessment method	Assessment tool	Rate (%)
Formative Assignments							50
Ex#1	Paper exam in class for chapter 1+2 (30 minutes)	Week 4	CLO1 CLO2	4 4	Essay	Grading criteria	10
Ex#2	Researching different materials handling method in the process of forming and assembling products	Week 9	CLO2 CLO3	4 4	Home work	Grading criteria	5
Ex#3	Collect 50 common English vocabulary in the garment manufacturing technologies	Week 12	CLO1 CLO3	4 4	Home work	Answer	5
Ex#4	Online assesment	Week 15	CLO1 CLO2 CLO3 CLO4	4 4 4 4	Quizzes	Scores	5
Ex#5	The group reports on the actual process of visiting the cutting, sewing, finishing and packing room	Week 15	CLO1 CLO2 CLO3 CLO4 CLO5 CLO6	4 4 4 4 5 4	Presentati on	Rubric	25
Final exam							50
	Covering contents of all the important course outcomes.		CLO1 CLO2 CLO3 CLO4	4 4 4 4	Essay	Answer	50
Total							100

CLOs	Assessment Types					
	Ex#1	Ex#2	Ex#3	Ex#4	Ex#5	Final exam
CLO1	x		x	x	x	x
CLO2	x	x		x	x	x
CLO3		x	x	x	x	x
CLO4				x	x	x
CLO5					x	
CLO6					x	

11. Learning Resources

- Textbooks:

1. Tran Thanh Huong. Textbook of Công nghệ sản xuất. HCMC National University Press, 2014.

- References:

1. Tran Thanh Huong. Textbook of Cơ sở sản xuất may công nghiệp. HCMC National University Press, 2007.
2. Tran Thanh Huong. Textbook of Công nghệ may trang phục 2. HCMC National University Press, 2007.

12. Date of first approval: June 15, 2018

13. Approved by

Dean



Vu Minh Hanh, M.Ed

Head of Department



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Compiler



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14. Date and Up-to-date content

	Instructor: Head of Department:
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