HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY AND EDUCATION DEPARTMENT OF GARMENT AND FASHION TECHNOLOGY

Training major: Garment Technology
Training level: Bachelor
Training program: Garment Technology

Course Syllabus

1. **Course Name: Applied Graphic Design in Garment Industry   Course code:** GDAP330851
2. **Credit Units:** 4 credits (2/2/8) (2 credits of theory, 2 credits of practice/experiment)
   Duration: 10 weeks (3 periods of theory + 3*2 periods of practice + 18 periods of self-study/week)
3. **Course Instructors**
   1/ Nguyen Thanh Hau, M.Ed
   2/ Nguyen Ngoc Chau, PhD
   3/ Nguyen Tuan Anh, PhD
4. **Conditions of enrolling the course**
   Prerequisite subject: None
   Previous subject: Informatics
5. **Course Description**

The module introduces the basic knowledge of computer applications in production preparation stages. Guiding the method of applying CorelDraw graphics software is to express the lines, symbols of seam cross-section of details on some garment products on technical drawings. In particular, it helps learners to understand requirements and design principles of flat descriptions to serve the needs of practical production..

6. **Course Goals**

Goals	Goal descriptions	ELOs	Scale
G1	Professional knowledge the field of graphics software application in the production preparation process to support the establishment of technical drawings.	ELO-02 ELO-03	3 3
G2	Applicability of graphics software functions to solve the problems shown in technical drawings.	ELO-04 ELO-06	3 3
G3	Communication skills and reading comprehension of graphic software manuals in English.	ELO-10 ELO-11	4 3
G4	Functions in graphic software system in accordance with design requirements of product as deploying to set up technical drawings in the field of garment industry	ELO-14	4

7. **Course Learning Outcomes (CLOs)**

CLOs		CLO descriptions	ELOs	Scale
G1	CLO1	Apply the technical drawing standards to create technical drawings in the field of garment.	ELO-02	3
	CLO2	Manipulate the application and explain the operation of the functions in CorelDRAW software in the process of setting up technical drawings.	ELO-03	3
G2	CLO3	Show general rules on how to note ruler; solve problems related to the establishment and adjustment of technical drawings.	ELO-04	3
		Identify the scope of application of the functions of CorelDRAW software to solve problems related to the design of technical drawings, sketch patterns and brand symbols ...		3
	CLO4	Apply seam cutting symbols to depict assembly lines for some garment products on technical drawings. Choose applications of CorelDRAW software to set up	ELO-06	3

CLOs		CLO descriptions	ELOs	Scale
		drawings to meet the technical requirements of item codes.		
G3	CLO5	Motivate effective communication skills such as presentation, writing, graphics... in the learning process, especially capable of presenting and handling situations in front of the crowd.	ELO-10	4
	CLO6	Demonstrate English documents specialized in the field of CAD technology application.	ELO-11	3
G4	CLO7	Identify appropriate processes to complete the technical drawings to support the production process.	ELO-14	4

8. Learning Ethics:

Homework and projects must be done from the students themselves. If found to be copied, handle relevant students by assessing **0** (zero) process points and at the end of the term.

9. Details of the course:

Week	Contents	CLO	Scale	Teaching method	Evaluation method
1	*Chapter 1: Overview of graphics software CorelDRAW*				
	A/ The contents studied in class: *(3/6)* **Contents lectured in class** 1.1 CorelDRAW software structure - Introduction of terms. - Interface structure. - Working tools 1.2 Working methods in CorelDRAW	CLO2 CLO3	3 3	Lecturing, giving questions Guiding and explaining requirements	Questions answers
	B/ The contents studied at home: *(18)* + Learn about how to install the interface. + Practice manipulations	CLO6	3		
2	*Chapter 2: Graphic techniques with CorelDraw software*				
	A/ The contents studied in class: *(3/6)* **Contents lectured in class** 2.1 Design of basic objects - Draw shapes: rectangle and square, circle. - Technical design of basic lines.	CLO2 CLO4	3 3	Guiding and explaining requirements	Questions answers, Checking drawing patterns
	B/ The contents studied at home: *(18)* + Distinguish the process of performing operations between different functions of the software.. + Practice drawing design objects	CLO3 CLO6	3 3		
3	*Graphic techniques with CorelDraw software (cont.)*				
	A/ The contents studied in class: *(3/6)* **Contents lectured in class** 2.2 Working with objects - Managing objects - Adjusting objects	CLO2 CLO4	3 3	Guiding and explaining requirements	Questions answers, Checking drawing patterns
	B/ The contents studied at home: *(18)* + Review method of managing and adjusting objects.	CLO3 CLO6	3 3		
4	*Graphic techniques with CorelDraw software (cont.)*				

	A/ **The contents studied in class***: (3/6)* **Contents lectured in class** 2.3 Working with documents 2.4 Managing color systems	CLO2 CLO4	3 3	Guiding and explaining requirements	Questions answers, Checking drawing patterns
	B/ **The contents studied at home***: (18)* + Ways for text formating	CLO3 CLO6	3 3		
5	*Graphic techniques with CorelDraw software (cont.)*				
	A/ **The contents studied in class***: (3/6)* **Contents lectured in class** 2.5 Effects - Setting effects - Adjusting objects that make effects	CLO2 CLO4	3 3	Guiding and explaining requirements	Questions answers, Checking drawing patterns
	B/ **The contents studied at home***: (18)* + Effects application to design brand logos	CLO3 CLO6	3 3		
6	*Chapter 3: Application of CorelDRAW in technical drawing of the garment industry*				
	A/ **The contents studied in class***: (3/6)* **Contents lectured in class** 3.1 Means of presenting drawings 3.2 Standard for drawing drawings 3.3 Size of drawing drawings 3.4 Visual representation of the objects + Assignment 1: Drawing frame and name frame	CLO1 CLO3 CLO7	3 3 4	Guiding and explaining requirements	Questions answers, Checking drawing patterns
	B/ **The contents studied at home***: (18)* + Review the theory of stitches structure	CLO3 CLO6 CLO7	3 3 4		
7	*Chapter 3: Application of CorelDRAW in technical drawing of the garment industry (cont.)*				
	A/ **The contents studied in class***: (3)* **Contents lectured in class** 3.5 Conventions of some symbols in the garment field. 3.6 Seaming cross section + Assignment 2: Draw the seam cross section symbol	CLO1 CLO2 CLO3 CLO7	3 2 3 4	Guiding and explaining requirements	Questions answers, Checking drawing patterns
	B/ **The contents studied at home***: (6)* + Practice designing cross seam sections on specific products.	CLO3 CLO5	3 3		
8	*Chapter 3: Application of CorelDRAW in technical drawing of the garment industry (cont.)*				
	A/ **The contents studied in class***: (3/6)* **Contents lectured in class** 3.7 Drawings of loose parts - Some cups, cups, decoup. - Some kind of shirring. - Some types of collar. - Some types of sleeves, sleeve patterns - Some styles of pocket and pocket mouths - Some styles of skirts, pant back	CLO1 CLO4 CLO5 CLO6 CLO7	3 3 4 3 4	Guiding and explaining requirements	Questions answers, Checking drawing patterns

	+ Assignment 3: The drawing depicts the flat details				
	B/ The contents studied at home: *(18)* + Practice drawing flat descriptions of loose details on many different products.	CLO3 CLO6	3 3		
	Chapter 3: Application of CorelDRAW in technical drawing of the garment industry (cont.)				

9	**A/ The contents studied in class**: *(3/6)*
	Contents lectured in class
	3.8 Flat sample drawing
	  - Flat drawing concept
	  - Characterize the ratio of human body in flat pattern drawing
	  - The principles of drawing flat patterns
	  - Procedure for making flat description drawings on shirt, skirt and pants products.
	+ Exercise 4: A drawing describing the product flat
		CLO1
		CLO2
		CLO5
		CLO7
			3
			3
			4
			4
				Guiding and explaining requirements	Questions and answers, Checking drawing patterns

	B/ The contents studied at home: *(18)* + Practice drawing flat descriptions on many different products.	CLO3 CLO6	3 3		
	Chapter 3: Application of CorelDRAW in the technical drawing of the garment industry (cont.)				

10	**A/ The contents studied in class**: *(3/6)*
	Contents lectured in class
	3.9 Technical specifications drawing
	  - Classification of technical standards for garment industry
	  - Ways to show drawings in the technical standards of the garment industry
	  - Process of drawing technical standards on the products of dresses, skirts and pants.
	 + Assignment No. 5: Set up technical drawings for basic European style pant codes.
		CLO2
		CLO4
		CLO5
		CLO6
		CLO7
			3
			3
			4
			3
			4
				Guiding and explaining requirements	Questions and answers, Checking drawing patterns

	B/ The contents studied at home: *(18)* + Practice setting up technical standard drawings for many different product codes.	CLO3 CLO6 CLO7	3 3 4		

10.   Student Assessment

- Scale: **10**

- The plans for examinations and tests are as follows:

Types	Contents	Time	CLO	Scale	Evaluation methods	Assessment tools	Ratio (%)
Mid-term assignments							**50**
BT#1	Khung bản vẽ và khung tên	Week 6	CLO1 CLO3	3 3	Checking drawing patterns	Questions, marking sheet	5
BT#2	Draw the seam cross section symbol	Week 7	CLO1 CLO2 CLO3	3 2 3	Checking drawing patterns	Questions, marking sheet	5
BT#3	The drawing depicts the loose flat details	Week 8	CLO1 CLO4 CLO6 CLO7	3 3 3 4	Checking drawing patterns	Questions, marking sheet	10
BT#4	Drawings describe the product flat	Week 9	CLO1	3	Checking	Questions,	10

			CLO2	3	drawing patterns	marking sheet	
			CLO5	4			
			CLO7	4			
BT#5	Set up technical drawings for basic European style pant codes.	Week 10	CLO2	3	Checking drawing patterns	Questions, marking sheet	20
			CLO4	3			
			CLO5	4			
			CLO6	3			
			CLO7	4			
Final term assignment							**50**
	- Implementation of the essay: Applying CorelDRAW software to design flat patterns and technical drawings for item codes.	Week 15	CLO1	3	Assay	Questions, evaluation criteria	50
			CLO2	3			
			CLO3	3			
			CLO4	3			
			CLO5	4			
			CLO6	3			
			CLO7	4			

Subjects codes	Forms of examination					
	BT #1	BT #2	BT # 3	BT # 4	BT # 5	Assay
CLO1	X	X	X	X		X
CLO2		X		X	X	X
CLO3	X	X				X
CLO4			X		X	X
CLO5				X	X	X
CLO6			X		X	X
CLO7			X	X	X	X

11. Study documents

  - Main books, textbooks:

   1. Nguyen Thanh Hau - Textbook of Technical drawing for garment industry - Ho Chi Minh City University of Technology and Education - 2017.

   2. Nguyen Thanh Hoang - Guide to using CorelDRAW - Statistical Publishing House, 2015.

   - Books (TLTK) refer to:

   1. Truong Minh Tri - Textbook "Graphic - Technical Drawing", Publisher of National University of Ho Chi Minh City. Ho Chi Minh.

   2. Tran Huu Que, Nguyen Anh Tuan, 1998, - Technical drawing - International standard - Educational publishing house.

   3. Tran Van Minh - Instructions for using CorelDRAW - Statistical Publishing House, 2001

12. Date of inital approval: June 15, 2018

13. Approving level:

Head of the Department	Subject head	Compilation group
Vu Minh Hanh, M.Ed	**Nguyen Ngoc Chau, PhD**	**Nguyen Thanh Hau, M.Ed**

14. Date and up-to-date content

1st time: Date	Instructor
	Head of Department