

COURSE PLAN

FIRST: BASIC INFORMATION

College									
College	: Faculty of IRBED - Balqa Applied University								
Department	: Applied sciences								
Course									
Course Title	: Technical Design								
Course Code	: 020916252								
Credit Hours	: 2 (1 Theoretical, 1 Practical)								
Prerequisite	: 020916162								
Instructor									
Name	: Wedad alawneh + Suhair Abualhaija+ tagreed mohamah abo alhoumoss								
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Office Hours	:								
Class Times	<table border="1" style="width: 100%; height: 40px; border-collapse: collapse;"> <tr> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>								

Text Book	
Title	: Technical Design, Irbid University College and KOICA, 2022

References
<ul style="list-style-type: none"> Technical Sourcebook for Apparel Designers/ by Jaeli Lee and 1 The Complete Book of Technical Design/ by Deborah Beard

SECOND: PROFESSIONAL INFORMATION

COURSE DESCRIPTION
<p>This course provides designers and production managers who are strong in working-level practices to direct and resolve production management improvement directions. To improve the quality and productivity of fashion and knitwear products, it is needed to understand the overall production process and learn the skills and knowledge for quality control of fashion and knitwear products.</p>

COURSE OBJECTIVES
<p>After studying this course, the student is expected to be able to achieve the following objectives:</p> <ul style="list-style-type: none"> Explain knowledge of the production terms necessary for the production of clothing products, the production process for each item, and the raw materials used Explain practical skills according to design development Explain on-the-job skills as an expert to organize and complete technical design packages

COURSE LEARNING OUTCOMES



On successful completion of this course, students are expected to be able to:

- CLO1. Explain the concept of technical design and the role of designers
- CLO2. Explain the clothing production process
- CLO3. Apply sewing stitch suitable for the type and material of clothes
- CLO4. Sketch technical made according to the ratio of clothing items
- CLO5. Analyze the dimensions, patterns, sewing, and raw materials used in clothing products
- CLO6. Produce worksheet for clothing manufacturing
- CLO7. Make clothing samples according to the technical design plan
- CLO8. Appraise the fitting of the clothing sample
- CLO9. Design a technical package for clothing samples

COURSE SYLLABUS

Week	Topic	Topic details	Related LO and Reference (chapter)	Proposed assignments
1	Introduction Technical design and designer	<ul style="list-style-type: none"> • The concept of technical design • The role of a technical designer 	CLO1	
2	Understanding the clothing industry	<ul style="list-style-type: none"> • Clothing industry overview <ul style="list-style-type: none"> a) Ready-made clothes b) Classification of clothing products • The process of producing clothes 	CLO2	
3	Machines and Tools used in the clothes industry	<ul style="list-style-type: none"> • Machines and Tools used in the clothes industry <ul style="list-style-type: none"> a) Types and characteristics of stitch 	CLO3	
4	Technical sketch	<ul style="list-style-type: none"> • Draw clothes according to the proportion. 	CLO4	
5	Analysis of clothing products	<ul style="list-style-type: none"> • Analysis of clothing products (decomposed and analyzed Ready-made products) <ul style="list-style-type: none"> a) Dimension analysis b) Copy the pattern. 	CLO5	
6	Analysis of clothing products	<ul style="list-style-type: none"> • Analysis of clothing products (decomposed and analyzed Ready-made products) <ul style="list-style-type: none"> a) Sewing analysis b) Raw materials analysis 	CLO5	
7	Analysis of clothing products	<ul style="list-style-type: none"> • Analysis of clothing products (decomposed and analyzed Ready-made products) <ul style="list-style-type: none"> a) Raw materials analysis b) Quality Mark analysis 	CLO5	
8	Mid Exam			

Week	Topic	Topic details	Related LO and Reference (chapter)	Proposed assignments
9	Work Order	<ul style="list-style-type: none"> Goals for work order Details. Make a work order 	CLO6	
10	Technical design plan	<ul style="list-style-type: none"> Product design 	CLO7	
11	Sample making	<ul style="list-style-type: none"> Pattern making 	CLO7	
12	Sample making	<ul style="list-style-type: none"> Sewing 	CLO7	
13	Sample making	<ul style="list-style-type: none"> Sewing 	CLO7	
14	Sample making	<ul style="list-style-type: none"> Fitting 	CLO8	
15	Evaluation session	<ul style="list-style-type: none"> Complete the technical package for the entire sample production process. An evaluation fair 	CLO9	
16	Final Exam			

COURSE LEARNING RESOURCES

Methods/methods used in teaching the course such as lectures, discussion sessions and collection Information from different sources, practical activity, research assignments, field visits and case studies Lectures Discussion sessions Collecting information from different sources Field visits.

ONLINE RESOURCES

{ Write some useful websites related to the course and other material that help students to complete the course successfully. } { Write some useful websites related to the course and other material that help students to complete the course successfully. }

<https://crazylittleprojects.com/sewing-for-beginners-learn-to-sew/>

<https://www.youtube.com/channel/UC7vGqVcGPxyzPMsjrcrq0rg>

ASSESSMANT TOOLS

Assessment Tools	%
Projects and Quizzes	20%
Mid Exam	30%
Final Exam	50%
Total Marks	100%

THIRD: COURSE RULES



ATTENDANCE RULES

Attendance and participation are extremely important, and the usual University rules will apply. Attendance will be recorded for each class. Absence of 10% will result in a first written warning. Absence of 15% of the course will result in a second warning. Absence of 20% or more will result in forfeiting the course and the student will not be permitted to attend the final examination. Should a student encounter any special circumstances (i.e. medical or personal), he/she is encouraged to discuss this with the instructor and written proof will be required to delete any absences from his/her attendance records.

GRADING SYSTEM

Example:

Course Marks Average		
Average	Maximum	Minimum
Excellent	100%	90%
Very Good	89%	80%
Good	79%	70%
Satisfactory	69%	60%
Weak	59%	50%
Failed	49%	35%

REMARKS

{The instructor can add any comments and directives such as the attendance policy and topics related to ethics }

COURSE COORDINATOR

Course Coordinator

Signature:

Date:

Department Head:

Signature:

Date: