



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Computer Aided Drawing I							
Course Code		İTN218		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		At the end of this course; Students will be able to acquire 2D drawing ability with computer-aided programs							
Course Content		Be able to any kind of model and desing on computer							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Experiment, Demonstration					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Lecture notes
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Week	Weekly Detailed Course Contents	
1	Theoretical	Regulation of the screen and to chose running options by using BDC software codes
	Practice	Regulation of the screen and to chose running options by using BDC software codes
2	Theoretical	Setting a vision of screen and drawing , also turning of the BDÇ software
	Practice	Setting a vision of screen and drawing , also turning of the BDÇ software
3	Theoretical	Able to coordinate drawing by using the drawing principles.
	Practice	Able to coordinate drawing by using the drawing principles.
4	Theoretical	By using drawing codes to draw a technical drawing and adding wordings
	Practice	By using drawing codes to draw a technical drawing and adding wordings
5	Theoretical	By using drawing codes to draw a technical drawing and adding wordings
	Practice	By using drawing codes to draw a technical drawing and adding wordings
6	Theoretical	Able to use regulation codes
	Practice	Able to use regulation codes
7	Theoretical	Able to change features of drawing elements
	Practice	Able to change features of drawing elements
8	Theoretical	To copy of drawing elements
	Practice	To copy of drawing elements
9	Theoretical	Setting of measurement
	Practice	Setting of measurement
10	Theoretical	Using of measurement commands
	Practice	Using of measurement commands
11	Theoretical	Changing measurement, operation of surface and tolerance adding
	Practice	Changing measurement, operation of surface and tolerance adding
12	Theoretical	Able to do 2D drawing transfers between BDÇ software
	Practice	Able to do 2D drawing transfers between BDÇ software
13	Theoretical	Able to use 2D drawing file extension in data transfer
	Practice	Able to use 2D drawing file extension in data transfer
14	Theoretical	To chose a printer by printing out, page size and able to chose measure of the print
	Practice	To chose a printer by printing out, page size and able to chose measure of the print



Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	1	14
Lecture - Practice	14	0	2	28
Project	1	0	5	5
Laboratory	5	0	3	15
Midterm Examination	1	5	0	5
Final Examination	1	8	0	8
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	To draw 2D on computer aided programs
2	Adjusting screen display and drawing settings
3	Learns the computer-aided design program interface.
4	Make coordinate drawing using basic drawing commands
5	Draws technical drawing using drawing and editing commands.

Programme Outcomes (Textile Technology)

1	1. To have basic theoretical and practical knowledge related to the field of textile technology, weaving, finishing process and pattern design. Be able to recognize problems, develop solutions for the problems, designing and having the ability to use theoretical knowledge in practical applications.
2	2. Be able to identify problems, develop solutions to the problems, be able to devise, to have the ability to use theoretical knowledge in practical applications by using acquired the basic knowledge and skills in the field. – Be able to choose technical equipments which are needed for applications in the field and use effectively. - Awareness of the need for life-long learning to follow developments in the textile technology, learning independently and to gain awareness of continuous self-renewal. - Be able to examine the application of production processes in the textile industry. – Be respectful to their own history and to be conscious about the subjects of social responsibility, universal and social and professional ethics.
3	3. To have basic theoretical and practical knowledge related to the field of textile technology, weaving, finishing process and pattern design. To be conscious about the subjects of job security, the information of environmental protection, quality awareness and being conscious of participating in team work.
4	4. Be able to identify problems, develop solutions to the problems, be able to devise, to have the ability to use theoretical knowledge in practical applications by using acquired the basic knowledge and skills in the field. - To be conscious about the subjects of job security, the information of environmental protection, quality awareness and being conscious of participating in team work.
5	5. Be able to examine the application of production processes in the textile industry. Be able to identify problems, to develop solutions to the problems, be able to devise, to have the ability to use theoretical knowledge in practical applications by using acquired the basic knowledge and skills in the field. Be respectful their own history and be conscious about the subjects of social responsibility, universal and social and professional ethics.
6	6. Be able to examine the application of production processes in the textile industry. To be aware solutions and applications of the effects of global and societal context in technician-level; being aware of entrepreneurship and innovation, and to have knowledge of the issues of the age.
7	7. To gain the knowledge and awareness of Atatürk's principles & reforms and using Turkish Language effectively.
8	8. To gain the knowledge about his/her society and to gain a different point of view about the world

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1
P1	2
P2	5
P3	3
P4	5
P5	3
P6	2
P7	2
P8	2

