



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Customizing AutoCAD
Course Number: DET126

Required Materials

Textbook(s): Customizing AutoCAD 2020, 13th Edition, Author: Sham Tickoo, ISBN: 781-64057-076-4

Required Readings: None

Additional Materials: None

Course Outline/Calendar

In case of events beyond the control of faculty that interfere with class times and teaching, adjustments may be made to date of coverage, order of coverage, and date of exams and assignments to ensure full coverage of course content.

Week	Chapter/Topic/Lab
WEEK 1-15	CH1 TEMPLATE DRAWING .DWT &.DWG, (WE WILL WORK ON THIS ALL SEMESTER) DRAWINGS (START DRAWING TOWARD END OF SEMESTER)
	MISCELLANEOUS ASSIGNMENTS 1 THRU MISCELLANEOUS 10, ONLINE QUIZZES MAYBE GIVEN
	PROFILE CREATION
WEEK 1-4	READ CHAPTER 2
	CHAPTER 2 EXAMPLE 1 P2-2 (INITIAL SETUP OF DWG)
	CHAPTER 2 EXAMPLE 2 P2-5 (LAYERS)
	CHAPTER 2 EXAMPLE 5 P2-13 (PLOTING)
	CHAPTER 2 EXERCISE 1 P2-19 (PLOTING)
	CHAPTER 2 EXERCISE 2 P2-29 (INITIAL SETUP OF DWG)
	CHAPTER 2 EXERCISE 3 P2-29 (LAYERS)
	CHAPTER 2 EXERCISE 4 P2-30 (INITIAL SETUP OF DWG, UNITS, LAYERS)
	READ CHAPTER 3
	CHAPTER 3 EXAMPLE 1 P3-3 (DASH3DOT)
	CHAPTER 3 EXAMPLE 2 p3-15 (VARIABLE DASH)
	CHAPTER 3 EXAMPLE 3 P3-17 (3 DIFFERENT FENCING WAYS)
	CHAPTER 3 EXAMPLE 5 P3-26 (45 DEGREE HATCH)
	CHAPTER 3 EXAMPLE 6 P3-31 (DASH2DOT HATCH)
	CHAPTER 3 EXAMPLE 7 P3-34 (TRIANGLE HATCH)
CHAPTER 3 EXERCISE 1 P3-37 (DASH3DASH)	
CHAPTER 3 EXERCISE 3 P3-37 (HOTWATER)	
CHAPTER 3 EXERCISE 3 P3-37 (GAS)	
CHAPTER 3 EXERCISE 4 P3-38 (SQUARE HATCH)	
WEEK 4-6	READ CHAPTER 4 & 5
	CHAPTER 4 PGP Handout & CHAPTER 4 EXAMPLE 1 P4-9 (SEE Blackboard4 FOR ADDITIONAL INSTRUCTIONS AS ONLY PART OF EXAMPLE 1 NEEDS TO BE DONE)
	CHAPTER 5 EXAMPLE 1 P5-3 (CUSTOMIZING THE PULLDOWN MENU BAR USING CUI NEW WAY)
	CHAPTER 5 EXAMPLE 2 P5-7 (WRITING MACRO FOR NONSTANDARD COMMAND - TEXT J TC)
	CHAPTER 5 EXAMPLE 7 P5-21 (MY TOOLBAR) NEW WAY
	CHAPTER 5 EXAMPLE 8 P5-22 (MY TOOLBAR2 WITH FLYOUT- LINE,CIRCLE,ARC(ARC 3PT,ACSE,ACSA,ACSL,ACONT),MULTI-TEXT)- NEW WAY
	CHAPTER 5 EXAMPLE 9
	CHAPTER 5 EXERCISE 1 P5-10 (CUSTOMIZING A PULLDOWN MENU BAR - DRAW - EDIT – DISP/TEXT - UTILITY) NEW WAY
CHAPTER 5 EXERCISE 2 P5-36	
WEEK 6-8	MIDTERM - TAKE HOME
	MIDTERM#1
	MIDTERM#2
WEEK 6-8	MIDTERM#3
	MIDTERM#4
	MIDTERM#5
	MIDTERM#6
WEEK 7-9	READ CHAPTER 6 & 7
	CHAPTER 6 EXAMPLE 1 P6-8 (RIBBON PANEL)
	CHAPTER 6 EXAMPLE 2 P6-17 (MYWORKSPACE)
	CHAPTER 6 EXAMPLE 3 P6-26 (ADDING A DOUBLE CLICK ACTION TO MULTILEADER STYLE MANAGER)
	CHAPTER 6 EXERCISE 1 P6-28 (RIBBON PANEL) NOTE THE 2D DRAFTING & ANNOTATION CANNOT BE DONE IN THIS NEW VERSION)
	CHAPTER 6 EXERCISE 2 P6-28 (MY RIBBON TAB)

Week	Chapter/Topic/Lab
	CHAPTER 6 EXERCISE 3 P6-28 (NEW WORKSPACE)
	CHAPTER 7 EXAMPLE 1 (RESISTOR)
	CHAPTER 7 EXAMPLE 2 (DIODE)
	CHAPTER 7 EXAMPLE 6 (HAMMER)
	CHAPTER 7 EXERCISE 1 (GIB KEY)
WEEK 1-15	DYNAMIC BLOCK BLOCK - DYNAMIC BLOCK TUTORIAL
	DYNAMIC BLOCK BLOCK - RECTANGLE
WEEK 11-13	READ CHAPTER 8
	CHAPTER 8 AUTOLISP MATH P8-20 to P8-8
	CHAPTER 8 EXAMPLE 1 P8-10 (TRIANGLE)
	CHAPTER 8 EXAMPLE 2 P8-16 (RECTANGLE WITH CIRCLE IN CENTER)
	CHAPTER 8 EXAMPLE 3 P8-19 (CHAMFER)
	CHAPTER 8 EXAMPLE 4 P8-24 (RECTANGLE)
	CHAPTER 8 EXAMPLE 5 P8-31 (TRIANGLE INSIDE A CIRCLE) - DON'T FORGET TO TURN ON THE OSNAP CALLED QUADRANT)
	CHAPTER 8 EXAMPLE 6 P8-32 (TRIANGLE IN A CIRCLE - EQUILATERAL)
	CHAPTER 8 EXAMPLE 7 P8-36 (PULLEY WITH BELT)
	CHAPTER 8 EXAMPLE 11 P8-45 (BOLT CIRCLE WITH CIRCLES)
	CHAPTER 8 EXAMPLE 12 P8-47 (CONCENTRIC CIRCLES)
	CHAPTER 8 EXERCISE 1 P8-15 (LINE)
	CHAPTER 8 EXERCISE 2
WEEK 13	PASS OUT TAKE HOME FINAL
WEEK 1-15	ACTION RECORDER - HANDOUT
	EXTRACTING ATTRIBUTES
WEEK 15	CATCHUP WEEK
WEEK 15-16	FINAL - DEMONSTRATED IN CLASS EXAM WEEK
	Final#1
	Final#2
	Final#3
	Final#4
	Final#5
	Final#6
	Final#7