

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: TEED 156

Credit Hours: 3-1-2

Course Title: Customizing AutoCAD

Course Prerequisite or co-requisite: TEED 144

Textbook(s): Shumaker/Madsen. AutoCAD and Its Applications: Advanced 2016, 23rd edition. Goodheart-Wilcox, 2015. ISBN: 9781631264283

Course Description: An advanced course dealing with the following topics: external commands, scripts, slides, and customizing menus. Also, an introduction to AutoLISP, is included.

Learning Outcomes:

At the end of this course, the student will:

- A. use appropriate processes and procedures in the analysis and design of systems using AutoLISP in an AutoCAD environment;
- B. use AutoCAD tools in the development of various logic structures for CAD drawings; and
- C. use appropriate processes and procedures in the design of systems using VisualLISP and VBA.

To achieve the learning outcomes, the student will or will be able to:

(The letter designations at the end of each statement refer to the learning outcome(s).)

- 1. use and set AutoCAD variables; (B)
- 2. use a text editor, establish script files, and design a slide show; (B)
- 3. customize the button, screen, and pull-down menus; (B)
- 4. use AutoLISP to customize AutoCAD; (A) and
- 5. construct blocks with attributes and use them. (B)

Course Requirements: Two review quizzes for each chapter. Mid-term and final exam.

Course Grading Scale:

90 – 100 = A
80 – 89 = B
70 – 79 = C
60 – 69 = D
0 – 59 = F

Attendance Policy: The college attendance policy is available at <http://catalog.bpsc.edu/content.php?catoid=5&navoid=369>

Course Fees: N/A

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