Course Prefix and Number: TEED 144  Credit Hours: 3-1-2

Course Title: Intermediate Computer Drafting

Course Prerequisite: TEED 143


Course Description: A continuation of TEED 143 including multi-view, dimensioning, tolerances, parametric drafting, sections, blocks, attributes, dynamic blocks, and external references.

Learning Outcomes:
At the end of this course, the student will:
   A. use AutoCAD software to produce drawings which clearly present the designer’s intentions;
   B. create accurate two-dimensional drawings;
   C. create accurate pictorial drawings; and
   D. use advanced text and dimension techniques.

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. draw and edit polylines; (A)
   2. use the LAYER command to draw items on separate layers; (A)
   3. properly dimension drawings and use AutoCAD’s hatch patterns and solids; (A, D)
   4. construct blocks with attributes and use them in a drawing; (A)
   5. create a bill of materials; (A)
   6. sketch with AutoCAD; (A)
   7. plot or print drawings; (A) and
   8. make Isometric drawings. (A, C, D)

Course Requirements:
Students must complete assigned problems, follow BPCC Attendance Policy, and complete mid-term and final exams.

Course Grading Scale:
   Unit tests – 40% / Drawing Problems – 60%
   90 – 100 = A
   80 – 89 = B
   70 – 79 = C
   60 – 69 = D
   0 – 59 = F

Revised: 03/31/2017
Attendance Policy: The college attendance policy is available at http://www.bpcc.edu/catalog/current/academicpolicies.html

Course Fees: This course is accompanied with an additional fee for supplemental materials.

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