

Bossier Parish Community College  
Master Syllabus

**Course Prefix and Number:** TEED 144

**Credit Hours:** 3-1-2

**Course Title:** Intermediate Computer Drafting

**Course Prerequisite:** TEED 143

**Textbook(s):** Shumaker/Madsen. AutoCAD and Its Applications: Basics 2016, 23<sup>rd</sup> edition. Goodheart-Wilcox, 2015. ISBN: 9781631264252

**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%

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| 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://www.bpcc.edu/catalog/current/academicpolicies.html>

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

**Nondiscrimination Statement:** Bossier Parish Community College does not discriminate on the basis of race, color, national origin, gender, age, religion, qualified disability, marital status, veteran's status, or sexual orientation in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of its operations. Bossier Parish Community College does not discriminate in its hiring or employment practices.

Title VI, Section 504, and ADA Coordinator

Sarah Culpepper, Coordinator

Disability Services, D-110

6220 East Texas Street

Bossier City, LA 71111

Phone: 318-678-6539

Email: [sculpepper@bpcc.edu](mailto:sculpepper@bpcc.edu)

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.

Equity/Compliance Coordinator

Teri Bashara, Director of Human Resources

Human Resources Office, A-105

6220 East Texas Street

Bossier City, LA 71111

Phone: 318-678-6056

Hours: 8:00 a.m.-4:30 p.m. Monday - Friday, excluding holidays and weekends.