

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: TEED 158

Credit Hours: 4-3-3

Course Title: Computer Drafting Applications and Laboratory

Course Prerequisite: TEED 144

Course Prerequisite or Corequisite: TEED 160 or TEED 161 or TEED 162

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

Course Description: A continuation of TEED 143 and TEED 144, including multi-view drawings and dimensioning, on a more advanced level. Major emphasis is on project work, with lab experience, and producing complete sets of working drawings in one or more of the following drafting areas: architectural, structural, electronic, manufacturing, civil/mapping, or piping.

Learning Outcomes:

At the end of this course, the student will:

- A. demonstrate an understanding of the design process in the development of a product;
- B. use advanced drawing and dimensioning techniques to complete two-dimensional drawings; and
- C. create sets of working drawings.

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. identify the elements of the design process; (A)
2. calculate unknown values to design an object; (A)
3. describe materials used to fabricate a product; (A)
4. define the methods used in laying out a multi view drawing; (A, B, C)
5. prepare a complete set of working drawings; (A, C) and
6. plot the drawings. (A, B, C)

Course Requirements: Students will complete assigned problems, follow the BPCC attendance policy, and complete mid-term and final exams.

Course Grading Scale:

Tests – 25% / Drawing problems – 75%

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 non-refundable fee for supplemental materials, laboratory supplies, software licenses, certification exams, and/or clinical fees.

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

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Equity/Compliance Coordinator

Teri Bashara, Director of Human Resources

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Phone: 318-678-6056

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