

Bossier Parish Community College
Master Syllabus

Course Prefix and Number: TEED 160

Credit Hours: 3-1-2

Course Title: 3D Computer Drafting

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 solid modeling. This course covers 3D drafting concepts and coordinate systems. Other topics include viewing, editing, dimensioning, and rendering objects.

Learning Outcomes:

At the end of this course, the student will:

- A. demonstrate competency in three-dimensional and solid-modeling skills as applied to complex computer-aided design problems; and
- B. demonstrate competency in solid-modeling skills as applied to complex computer-aided design problems.

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. construct 3D objects and layout techniques; (A, B, C)
2. construct models using different 3D coordinate systems; (A, B, C) and
3. demonstrate editing and display techniques in 3D. (A, B, C)

Course Requirements: Complete assigned problems. Complete chapter tests and final exam.

Course Grading Scale:

Drawing problems – 50% / Tests and final exam – 50%

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

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Equity/Compliance Coordinator

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