Course Prefix and Number:  TEED 161  Credit Hours:  3-3-0

Course Title:  Solid Works 3D

Course Prerequisite or co-requisite:  TEED 143


Course Description:  An advanced engineering 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 computer-aided design problems; and
   B. demonstrate competency in solid-modeling skills.

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:  Make sketches of assigned objects/problems; Complete assigned drawings; Complete a 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://www.bpcc.edu/catalog/current/academicpolicies.html

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

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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.

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