DFTG 1409
Basic Computer-Aided Drafting (AutoCAD)
Syllabus

Course Description: An introduction to computer-aided drafting. Emphasis is placed on setup, creating and modifying geometry; storing and retrieving predefined shapes; placing; rotating, and scaling objects, adding text and dimensions, using layers, coordinate systems, and plot/print to scale.

Semester Hours: 4


Lecture/Lab Hours: This course consists of (3) lecture hours and (3) lab hours per week. Each student is expected to spend 3 hours per week preparing for class. Attendance is crucial for success in this course. Three (3) consecutive unexcused absences may result in the student being dropped from the course.

Student Learning Outcomes: At the end of this course the student will be able to:

1. Identify terminology and basic functions used with CAD software
2. Use CAD hardware and software to create, display, and plot/print working drawings.

Evaluation Methods:

Drawings & Assignments 50%
Tests 15%
Attendance and Participation 10%
Final Exam 25%

SEMESTER GRADE 100%

A 100-90 Points, B 89-80 Points, C 79-70 Points, D 69-60, F 59 & below

Teaching Methods:

1. Lecture
2. CAD Demonstrations
3. Hands-on utilization of CAD equipment
4. Guest speakers/field trips

ADA Statement: No qualified individual with a disability shall, by reason of such disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of the College District, or be subjected to discrimination by the College District. Nor shall the College District exclude or otherwise deny equal services, programs, or activities to an individual because of the known disability of an individual with whom the individual is known to have a relationship or association. 42 U.S.C. 12132; 28 CFR 35.130(g)

Academic Dishonesty: Each student is charged with notice and knowledge of the contents and provisions of Coastal Bend College’s rules and regulations concerning student conduct. All students shall obey the law, show respect for properly constituted authority, and observe correct standards of conduct. Scholastic dishonesty shall constitute a violation of these rules and regulations and is punishable as prescribed by Board policies. Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion. (See the Student Handbook for further explanation of Scholastic Dishonesty.)

Coastal Bend College does not discriminate on the basis of race, creed, color, national origin, gender, age, or disability.