Course Syllabus

Machine Drafting
DFTG 2402

Course Description: Production of detail and assembly drawings of machines, threads, gears, utilizing tolerances, limit dimensioning and surface finishes

Semester Hours Credit: 4

Lecture/Lab Hours: This course consists of (3) lecture hours and (3) lab hours.

Prerequisite: None

Textbook(s): Technical Drawing, Giesecke, Mitchell, Spencer, Hill, etc., Prentice-Hall, 1997, 10th Ed.


Student Learning Outcomes: Upon completion of this course the student will be able to:

1. Learn to interpret terms used in tolerancing.
2. Identify dimensions of two mating parts.
3. Draw spur and/or bevel gears
4. Draw details and assemblies
5. Identify interference and clearance fits
6. Identify types of threads forms
7. Interpret thread notes

Evaluation Methods:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drawings &amp; Assignments</td>
<td>50%</td>
</tr>
<tr>
<td>Tests</td>
<td>15%</td>
</tr>
<tr>
<td>Attendance and Participation</td>
<td>10%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
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</tbody>
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SEMESTER GRADES 100%
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See at: GL (Legal)

Special Needs Services: Students with special needs, including physical and learning disabilities, who wish to request accommodations in this course should contact the Student Development Office as soon as possible to make arrangements; this should occur no later than the second week of class or as soon as the student has the documentation on the disability and requested accommodation per a certified medical or psychological professional. In accordance with federal law, a student requesting accommodations must provide documentation of disability to the Student Development Advisor.

For more information, contact: in Alice at sdalice@coastalbend.edu; Beeville at sdbeeville@coastalbend.edu; Kingsville at sdkingsville@coastalbend.edu; and Pleasanton at sdpleasanton@coastalbend.edu.

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 Coastal Bend College Policies FLB (Local) and FM (Local). Scholastic dishonesty shall include, but not be limited to, cheating on a test, plagiarism, and collusion.

See at: FLB (Local) and FM (Local).

See the Student Handbook for further explanation of Scholastic Dishonesty.

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**NOTE:** The College website (www.coastalbend.edu) serves as the main source with the most current version of the Coastal Bend College Board Policies and the Coastal Bend College Catalog.