Course Syllabus

Instrumentation Drafting
DFTG 2408

Course Description: Principles of instrumentation applicable to industrial applications, fundamentals of measurement and control devices; currently used ISA (Instrumentation Society of America) symbology, basic flow sheet layout and drafting practices.

Semester Hours Credit: 4

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

Textbook(s): Instrumentation 4th ed. Kirk,
Instrumentation Workbook 4th ed. Weedon

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

1. Identify ISA symbols
2. Interpret basic flow sheet layout principles
3. Interpret instrumentation/flow diagram relationships and flow/sheet/plot plan/piping/interrelationship
4. Prepare flow sheet (process and mechanical) diagrams

Evaluation Methods:

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<thead>
<tr>
<th>Evaluation Method</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Drawings &amp; Assignments</td>
<td>50%</td>
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<tr>
<td>Tests</td>
<td>15%</td>
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<tr>
<td>Attendance and Participation</td>
<td>10%</td>
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<tr>
<td>Final Exam</td>
<td>25%</td>
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<tr>
<td>SEMESTER GRADES</td>
<td>100%</td>
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A 100-90 Points, B 89-80 Points, C 79-70 Points, D 69-60, F 59 & below
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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 to make arrangements 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 Special Needs Advisor. For more information, please go by or contact the Student Development (sd) Office: sdbeeville@coastalbend.edu in Beeville; sdalice@coastalbend.edu in Alice; sdkingsville@coastalbend.edu in Kingsville; and sdpleasanton@coastalbend.edu in Pleasanton.

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Intellectual Property: Student /Third Party Works: Rights to copyrightable or patentable works created by a student or a third party, that is, not a College District employee, shall reside with the author/ creator.

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