Internet Based Class

Instructor: Tina Goitia
T-143
972-860-7143
tinagoitia@yahoo.com
Email for Appointment

Contact Information:
  Office:
  Phone:
  Email address:
  Hours Available:

Course Description
DFTG 2312.41426 Technical Illustration
This is a WECM Course Number.
Prerequisite: DFTG 1309 or DFTG 1409.
Course Description: Topics include pictorial drawing including isometrics, obliques, perspectives, charts, and graphs. Emphasis on rendering and using different media. (2 Lec., 4 Lab.)

Textbooks and Other Course Materials:

Computer, Internet access, Software: AutoCAD, and at least a 2Gb flash drive.
Developmental Courses

The Texas Success Initiative (TSI) is a statewide program designed to ensure that students enrolled in Texas public colleges and universities have the basic academic skills needed to be successful in college-level course work. The TSI requires assessment, remediation (if necessary), and advising of students who attend a public college or university in the state of Texas. The program assesses a student’s basic academic skills in reading, writing, and math. Passing the assessment is a prerequisite for enrollment in many college-level classes such as English 1301/1302, History 1301/1302, Math 1414, etc. Students who do not meet assessment standards may complete prerequisite requirements by taking developmental courses in the deficient area and passing them with a grade of C or higher. In some cases retesting will also be required. It is up to each student to be aware and informed about requirements that are subject to change. Additional information is available from the TSI Office. https://www1.dcccd.edu/cat0910/admiss/tsi.cfm?loc=4

Course Objectives:

- Explore the processes used in technical illustration to produce pictorial drawings
- Demonstrate an Understanding of Rendering Techniques
- Demonstrate an Understanding of Solid Modeling
- Demonstrate an Understanding of Creating a Video Walk Through AVI File

Evaluation Procedures:

90% of your grade for the course is based on drawing assignments, 10% is based on three quizzes and the final exam.

Obtaining Final Course Grades Using eConnect

Final Grade Reports are no longer mailed. Convenient access is available online at www.econnect.dcccd.edu. Use your identification number when you log onto eConnect, an online system developed by the DCCCD to provide you with timely information regarding your college record. Your grades will also be printed on your Student Advising Report, which is available in the Admissions Office.

Eastfield College Email Policy

Faculty and students must have and use a DCCCD account for all correspondence relating to academic coursework. For information on setting up a DCCCD student email account go to: https://www1.dcccd.edu/netmail/input_ssn.cfm

Attendance Policy:

On line students are required submit the orientation assignment within the first eleven days of class in order to verify their attendance. In order to be certified for financial aid all assignments due must be submitted by February 1st, 2015.

Course Outline:

Drawing Due Date:

Drawing due dates are posted on Blackboard. Once graded the student will have three days to correct the drawing and resubmit it for a maximum score of 90. Drawings turned in late will be penalized 10 points and will not be eligible to be resubmitted.

Drawing Deadline: 3 days past the due date the assignment will not be accepted and the student will receive a grade of zero. The final exam and quiz are due the day assigned, no exceptions.

The titleblock of each drawing should include: SP15.DFTG 2312.First Initial.Last Name.Drawing Name. Add revised to the title if it is your second submission of work. Ex. SP15.DFTG2312.T.Goitia.EX13.1.revised. This should be the name of your drawing file and the title of your e-mail message as well. Email all work to: tinagoitia@yahoo.com

Locate DFTG 2312 Assignments on Listed Below & on Blackboard
Financial Aid Statement

Students who are receiving any form of financial aid should check with the Financial Aid Office prior to withdrawing from classes. Withdrawals may affect your eligibility to receive further aid and could cause you to be in a position of repayment for the current semester. Students who fail to attend or participate after the drop date are also subject to this policy.

Financial Aid Statement for Distance Learning Classes

If you are receiving Financial Aid grants or loans and are enrolled in a Distance Learning class, you must show participation in this class prior to the certification date by either e-mailing or contacting the instructor or logging on to eCampus. Do not drop or stop attending any class without consulting the Financial Aid Office. Changes in your enrollment level and failing grades may require that you repay financial aid funds.

Repeating This Course: (Third Attempt to Enroll in a Course)

Effective for Fall Semester 2005, the Dallas County Community Colleges will charge additional tuition to students registering the third or subsequent time for a course. All third and subsequent attempts of the majority of credit and Continuing Education/Workforce Training courses will result in additional tuition to be charged. Developmental Studies and some other courses will not be charged a higher tuition rate. Third attempts include courses taken at any of the Dallas County Community Colleges since the Fall 2002 Semester. See Third Attempt to Enroll in a Course at: http://www.dcccd.edu/thirdcourseattempt/

Academic Honesty Statement

Scholastic dishonesty is a violation of the Code of Student Conduct. Scholastic dishonesty includes, but is not limited to, cheating on a test, plagiarism, and collusion.

As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the DCCCD Code of Student Conduct published in the DCCCD Catalog at http://www1.dcccd.edu/cat0506/ss/code.cfm

Academic dishonesty includes, but is not limited to, cheating on tests, plagiarism and collusion. Cheating includes copying from another student’s test or homework paper, using materials not authorized, collaborating with or seeking aid from another student during a test, knowingly using, buying, selling, stealing, or soliciting the contents of an unadministered test, and substituting for another person to take a test. Plagiarism is the appropriating, buying, receiving as a gift, or obtaining by any means another’s work and the unacknowledged submission or incorporation of it in one’s own written work. Collusion is the unauthorized collaboration with another person in preparing written work for fulfillment of course requirements. Academic dishonesty is a serious offense in college. You can be given a failing grade on an assignment or test, can be failed for the class, or you can even be suspended from college.

Food and Drink Policy

Food, drinks, and tobacco products are prohibited in Eastfield College classrooms. If you are teaching in a non-lab classroom, you may allow for food and drink, but you must comply with college requirement of a statement of responsibility from each student. See "Food and Drink Policy" attached as .pdf file.
**ADA Statement**

Students with a physical, mental or learning disability who require accommodations should contact the college Disability Services Office in C237. Call 972.860.8348 or email efcdsos@dcccd.edu. For more information: [http://www.eastfieldcollege.edu/SSI/DSO/index.html](http://www.eastfieldcollege.edu/SSI/DSO/index.html).

**Religious Holidays**

Absences for observance of a religious holy day are excused. Notification of the absence must be given to the instructor in writing at least two weeks prior to the date of the holy day. A student whose absence is excused to observe a religious holy day is allowed to contract with the instructor to take a make-up examination or complete an assignment within at a mutually agreed upon time after the absence.

**Withdrawal Policy**

If you are unable to complete this course, it is your responsibility to withdraw formally. The withdrawal request must be received in the Registrar’s Office by **April 16th, 2015**. Failure to do so will result in your receiving a performance grade, usually an “F.” If you drop a class or withdraw from the college before the official drop/withdrawal deadline, you will receive a “W” (Withdraw) in each class dropped. For more information about drop deadlines, refer to the current printed Credit Class Schedule, contact the Admissions/Registrar’s Office at 972-860-7167 (Room C119), or contact the division office.

**STOP BEFORE YOU DROP**

For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop. You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions. Remember that once you have accumulated 6 non-exempt drops, you cannot drop any other courses with a “W”. Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access: [https://www1.dcccd.edu/coursedrops](https://www1.dcccd.edu/coursedrops).

**Family Educational Rights and Privacy Act of 1974 (FERPA)**

In compliance with the Family Educational Rights and Privacy Act of 1974 (FERPA), the College may release information classified as “directory information” to the general public without the written consent of the student. Directory information includes: (1) student name, (2) student address, (3) telephone numbers, (4) date and place of birth, (5) weight and height of members of athletic teams, (6) participation in officially recognized activities and sports, (7) dates of attendance, (8) educational institution most recently attended, and (9) other similar information, including major field of student and degrees and awards received. Students may protect their directory information at any time during the academic year. If no request is filed, directory information is released upon written inquiry. No telephone inquiries are acknowledged. No transcript or academic record is released without written consent from the student, except as specified by law.

**Classroom Etiquette**

Cell phones should be turned off in when using the CAD Lab. Abuse or profane languages are not allowed.
The instructor reserves the right to amend this syllabus as necessary.

**Week 1 Due 1.24.15**

Attached Files:
- [DFTG 2312 ASSIGNMENT ONE.wmv](#) (4.892 MB)
- [DFTG 2312 ASSIGNMENT ONE.jpg](#) (52.841 KB)

Visit AutoDesk Student Software Site and Download AutoCAD: [http://www.autodesk.com/education/free-software/all](http://www.autodesk.com/education/free-software/all)

**Orientation Assignment:** Exercise 13-1: Steps 1-4. Use text tool to title drawing and email to tinagoitia@yahoo.com as an AutoCAD (dwg) drawing. The above assignment serves as verification that you are enrolled in the class. Failure to submit the drawing may result in the loss of financial aid benefits.

Video Attached Below or Visit: [http://www.youtube.com/watch?v=jY8qZ5vegXU&feature=youtu.be](http://www.youtube.com/watch?v=jY8qZ5vegXU&feature=youtu.be)

Read Chapter 13: Isometric Drawing and Gradient Hatch Rendering

View Chapter 13: PowerPoint.

**Assignment:** Exercise 13-1: Steps 5-49 – Fundamentals of Isometric Drawing

**Week 2- Due 1.31.15**

**Chapter 13. Isometric Drawing and Gradient Hatch Rendering**

**Assignments:** Exercise 13-2 – Tenant Space Reception Desk
- Exercise 13-3 – Render Exercise 13-1 Using Gradient Hatch

**Week 3- Due 2.7.15**

**Chapter 13. Isometric Drawing and Gradient Hatch Rendering**

**Assignments:** Chapter 13 Test, Project 13-1 – Using Gradient Patterns
- Project 13-2 – Tenant Space Reception Seating – Use Gradient Hatch

**Week 4- Due 2.14.15**

**Chapter 13. Isometric Drawing and Gradient Hatch Rendering**

**Assignments:** Project 13.3 – Tenant Space Conference Chair – Use Gradient Hatch

**Week 5 Due 2.21.15**

- [Wall cabinets dimensions chart.doc](#) (272.5 KB)

**Chapter 13. Isometric Drawing and Gradient Hatch Rendering**

**Assignments:** Project 13-4 – Log Cabin Kitchen: Use online resources to locate standard dimensions for kitchen cabinets and appliances. All walls are 8’ in height. Specifications and a sample drawing are attached below.
<table>
<thead>
<tr>
<th>Week 6</th>
<th>Assignment Due 2.28.15</th>
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<tbody>
<tr>
<td>Read Chapter 14: Solid Modeling and Mesh Modeling</td>
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<td>View Chapter 14 Powerpoint</td>
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<tr>
<td>Assignments: Exercise 14-1: Part 1 - Drawing Primitive Solids</td>
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<td>Exercise 14-1: Part 2 - Using Extrude to Draw Solids</td>
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<th>Week 7</th>
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<td>Assignments:</td>
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<td>Exercise 14-1: Part 4 – Using Chamfer and Fillet</td>
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<td>Exercise 14-1: Part 3 – Using Revolve. Solid Modeling and Mesh Modeling</td>
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<th>Week 8</th>
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<td>Assignments:</td>
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<td>Exercise 14-1: Part 6 – Using Using Sweep, Helix, Subtract, Loft</td>
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<td>Exercise 14-1: Part 5 – Using Union. Solid Modeling and Mesh Modeling</td>
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<th>Week 9</th>
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<tr>
<td>Chapter 14</td>
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<td>Assignments:</td>
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<tr>
<td>Complete Exercise 14-1</td>
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<td>Exercise 14-1: Part 7 – Using Intersection. Solid Modeling and Mesh Modeling</td>
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<th>Week 10</th>
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<td>Chapter 14</td>
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<td>Assignments:</td>
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<tr>
<td>Exercise 14-3: Creating a Solid Model of Chair 1</td>
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<tr>
<td>Exercise 14-2: Using Grips. Solid Modeling and Mesh Modeling</td>
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Week 11 Due Date 4.11.15

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Chapter 14
Assignments:
Chapter 14 Quiz
Exercise 14-4: Creating Mesh Models. Solid Modeling and Mesh Modeling

Week 12 & 13 Due Date 4.25.15

13
Read Chapter 15.
View Chapter 15 PowerPoint.
Assignments:
Exercise 15-1 Chair

Week 14 Due 5.4.15

14
Exercise

Final Exam: Due 5.9.15
Exercise 15-2: Patio