
COURSE SYLLABUS

Computer Aided Drafting & Design
Industrial Technology Department
Technical Education Division
South Plains College
Levelland Campus



Instructor: Terry Stucker

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Office Hrs: T/R: 11:00a-12:00p&1:00p-2:00p / F:8a-12p (by appt)

COURSE INFORMATION

COURSE NUMBER	DFTG 2332-001
COURSE TITLE	Advanced Computer-Aided Drafting
PREREQUISITE(S)	DFTG 2319
LOCATION	TA 207
TEXTBOOK	<i>None</i>
DESCRIPTION	This is a drafting course that utilizes the application of advanced CAD techniques.
SCOPE	The scope of <u>Advanced Computer-Aided Drafting</u> will be for sixteen weeks, which will include two (2) hours of lecture per week and four (4) hours of laboratory experience per week, for a total of ninety-six (96) contact hours per semester.
COURSE OUTCOMES	Utilize advanced technologies in computer-aided design; including animation, rendering, and 3D modeling and output
COURSE TOPICS	<ol style="list-style-type: none">1) Orientation2) AutoCAD Customization3) Tables, Title Blocks and Borders4) Advanced Templates6) Isometric Drawing and Dimensioning7) Parametric Drawing and Constraints8) Bend Allowance and Ordinate Dimensions9) Assemblies10) 3D Modeling, Operations and Modifications

GRADING

WEIGHTS		SCALE		
Daily Assignments	40%	A	90 – 100%	
Mid-Term	20%	B	80 – 89%	
Final Exam	20%	C	70 – 79%	
Attendance	20%	D	60 – 69%	
		F	59% or Below	

DAILY ASSIGNMENTS Each practical drawing assignment will be calculated with 100 points as the highest possible grade.

Practical drawing assignments will be graded according to the following criteria:

- 1) Neatness
- 2) Line Criteria
- 3) Text Criteria
- 4) Dimensioning Criteria

- 5) Choice & Location of Views
- 6) Correctness & Accuracy of Views (shape description)
- 7) Nomenclature

REVIEW QUESTIONS	Review questions may be assigned for lecture content and will be returned to student as a study guide for subsequent assessments.
QUIZ/EXAM	Quizzes and Exams will be given periodically for the purpose of assessment. This may include practical drawing assessments, written assessments and or project-based assessments.
MID-TERM / FINAL EXAM	The mid-term and final projects will be comprehensive in nature, comprised of information from the previous lessons throughout the semester
ASSIGNMENT CORRECTIONS	<p><u>All required work must be turned in on time in order for the student to benefit from the corrections</u> and to prepare for future assignments.</p> <p>Assignments with a grade below 85, unless otherwise specified, can be corrected and resubmitted for an amended grade. <u>You will have 1 additional week to complete corrections for an assignment.</u> An amended grade will have a maximum value of 85. <u>This is a one-time correction process and does not apply to late or missing work.</u></p> <p>Any assignments that are not turned in at the specified time and date will immediately receive a grade of Zero (0) – Late work will still be graded, but with a maximum grade of 85 – this will count as the students’ second attempt.</p> <p>All electronic classwork must be saved to your folder on the CAD server. Any assignment not on the server at the time of grading may receive a grade of Zero (0) – Improperly filed work will still be graded, after it is filed correctly, but with a maximum grade of 85 – this will count as the student’s second attempt.</p>

CLASSROOM POLICIES

DISCLAIMER	The instructor reserves the right to amend any class policies or syllabus content as deemed necessary by South Plains College and will announce such changes ahead of time to the class. If a student has any questions about a change in policy, they have the right to discuss said change with the instructor.
ATTENDANCE	<p>Four absences, for any reason, are allowed per semester. Tardies, defined as not being present in class within 5 five minutes of the start of lecture, or leaving lab early by an hour or more, will count against your attendance grade. <u>Your grade will drop one letter grade per each absence over the allowable limit.</u> Six absences could result in the student being dropped from the course.</p> <p>Whenever absences become excessive, an Excessive Absence Report will be sent to the Dean of Students and, if in the instructor’s opinion, minimum course objectives cannot be met due to absences, the student may be withdrawn from the course with the appropriate letter grade X, W, or F.</p>
WITHDRAWAL	Any student wishing to drop this class should go through the proper procedure of initiating the withdrawal by obtaining a drop form from the Registrar's Office. This form must be signed by the instructor.

COVID-19

If you are experiencing any of the following symptoms, please do not attend class and either seek medical attention or test for COVID-19.

- **Cough, shortness of breath, difficulty breathing**
- **Fever or chills**
- **Muscles or body aches**
- **Vomiting or diarrhea**
- **New loss of taste and smell**

Please also notify DeEtte Edens, BSN, RN, Associate Director of Health & Wellness, at dedens@southplainscollege.edu or 806-716-2376. Proof of a positive test is required. A home test is sufficient but students must submit a photo of the positive result. The date of test must be written on the test result and an ID included in the photo. If tested elsewhere (clinic, pharmacy, etc.), please submit a copy of the doctor's note or email notification. Results may be emailed to DeEtte Edens, BSN, RN at dedens@southplainscollege.edu.

A student is clear to return to class without further assessment from DeEtte Edens, BSN, RN if they have completed the 5-day isolation period, symptoms have improved, and they are without fever for 24 hours without the use of fever-reducing medication.

Students must communicate with DeEtte Edens, BSN, RN prior to their return date if still symptomatic at the end of the 5-day isolation

OTHER POLICIES

Food and drink will be allowed at a student's work station as long as computers are not affected in a negative way. All drinks must be covered and stored away from computer so as not to damage any component. All workstations must be thoroughly cleaned before a student leaves class.

Music is allowed in the classroom during lab time only - as long as it is played through headphones.

Phones should be muted during the lecture phase of class. Phones are permitted during lab time when used directly for research or class initiatives. If a call is necessary, please excuse yourself from the class to address the call.

Students should adhere to all other standards established in the SPC Catalog found under *Student Conduct*.

The computers within the CAD Lab have been optimally set to enhance learning for students. The configurations are set to establish a base of reference for all students, and so the instructor can optimize aid to each student. Please do not alter the configurations of any workstation or computer at any time. Lab computers are monitored remotely

ACCOMMODATIONS

Diversity Statement

In this class, the teacher will establish and support an environment that values and nurtures individual and group difference and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Disabilities Statement

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland (Student Health & Wellness Office) 806-716-2577, Lubbock Centers (located at the Lubbock Downtown Center) 806-716-4675, or Plainview Center (Main Office) 806-716-4302 or 806-296-9611.

Non-Discrimination Statement

South Plains College does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Vice President for Student Affairs, South Plains College, 1401 College Avenue, Box 5, Levelland, TX 79336. Phone number 806-716-2360.

Title IX Pregnancy Accommodations Statement

If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To activate accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Health and Wellness Center. Once approved, notification will be sent to the student and instructors. It is the student's responsibility to work with the instructor to arrange accommodations. Contact the Health and Wellness Center at 806-716-2529 or email dburleson@southplainscollege.edu for assistance.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations and Frequently Asked Questions, please refer to the Campus Carry page at: <http://www.southplainscollege.edu/campuscarry.php>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.