
COURSE SYLLABUS

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

Instructor: Jason R. Bush, AIA
Office: Technical Arts Center, 205A

Phone: (806) 716-2351

Email: jbush@southplainscollege.edu

Office Hours: T/Th: 8:30am-10:30am (by appointment)

F: 8:00am-12:00pm (by appointment)

COURSE INFORMATION

COURSE NUMBER	DFTG-2338-001
COURSE TITLE	Final Project – Advanced Drafting
PREREQUISITE(S)	This course may only be taken in the student's last semester of Computer Aided Drafting and Design course work.
LOCATION	TA 207B
MEETING TIME	T/TH 2:50pm – 5:30pm
TEXTBOOK	None
DESCRIPTION	This is a drafting course in which students participate in a comprehensive project from conception to conclusion. This course is considered the Capstone course for the CADD program.
SCOPE	The scope of Final Project – Advanced Drafting 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	Conceptualize, design, and present a complete project in a prescribed discipline. Integrate problem solving and related technologies to identify solutions. Use discipline specific industry standards and produce documentation.
COURSE OUTLINE	<ol style="list-style-type: none">1) Project selection, scope, and requirements2) Define project need, industry standards and precedents/case studies3) Project concept design and evaluation4) Diagrammatic Plans, Working Drawings and Revisions5) Submittal of written document designed by instructor based on project selection and scope6) Submittal of set of working drawings or construction documents7) Presentation given by students to a panel of faculty, peers and other industry professionals

GRADING

WEIGHTS	Attendance	30%	SCALE	A	90 – 100%
	Group Participation	15%		B	80 – 89%
	Written Document	15%		C	70 – 79%
	Working Drawings	25%		D	60 – 69%
	Presentation	15%		F	59% or Below

ATTENDANCE Students must demonstrate their professionalism by being on-time and on-task.

PARTICIPATION	Since this course is collaborative in nature, students must demonstrate their ability to work well in a team setting.
WRITTEN DOCUMENT	The written document must follow appropriate and acceptable formats, language and presentation for the industry-specific project chosen.
WORKING DRAWINGS	A complete set of working drawings must be submitted that demonstrate a working knowledge of all drafting/drawing standards, concepts and principles.
PRESENTATION	Final Presentation will be graded on professionalism, knowledge of project and ability to convey project to the panel.

CLASSROOM POLICIES

ATTENDANCE	<p>Three (3) absences, for any reason, are allowed per semester. Your overall attendance grade for the semester will be reduced by ten (10) points for each absence over the allowable limit.</p> <p>Late arrival (Tardiness), defined as not being present in class within 15 minutes of the scheduled start of class, will count as a ½ absence. A maximum of <u>six (6) late arrivals</u> are allowed per semester. Your overall attendance grade for the semester will be reduced by ten (10) points for each late arrival over the allowable limit.</p> <p>If a student has not participated in the course in any form for a minimum of six (6) consecutive classes, without any communication from the student and is earning a solid “F”, the student will be contacted and encouraged to initiate a student withdrawal.</p>
WITHDRAWAL	Any student wishing to drop this class should go through the proper procedure of initiating the withdrawal by obtaining a <i>drop form</i> from the Registrar's Office.
OTHER POLICIES	<p>Drinks are allowed in the classroom/lab during lecture. Food is not allowed in the classroom/lab during lecture. Food and/or drinks will be allowed in the classroom/lab near a student’s workstation if the computers are not affected in a negative way and/or the food/drinks do not distract/disturb the instructor or other students. All drinks must be stored away from the computer so as not to damage any component. All workstations must be thoroughly cleaned, and all trash must be properly disposed of before a student leaves class.</p> <p>Music is allowed in the classroom during lab time if it is played through headphones.</p> <p>Cellphones are only permitted during lab time when used directly for research or class initiatives. If your cell phone rings or you need to make a phone call, please promptly excuse yourself from the class to address the call.</p> <p>At the discretion of the instructor, a failing grade (“F”) may be assigned to a student’s overall course grade and/or the student’s assignment grade in the case of academic dishonesty (cheating) and/or plagiarism due to the severity of the student’s actions and disregard for the learning objectives of the course.</p> <p>Students should adhere to all other standards established in the SPC Catalog found under <i>Student Conduct</i>.</p>

ACCOMMODATIONS

Students can find statements regarding COVID-19 Protocol, Intellectual Exchange, Disabilities, Non-Discrimination, Title IX Pregnancy Accommodations, CARE (Campus Assessment, Response, and Evaluation) Team, and Campus Concealed Carry at <https://www.southplainscollege.edu/syllabusstatements/>.