
COURSE SYLLABUS

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

Instructor: Nathaniel Feddes, MCRP
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Office Hrs: M/W: 11a-12p
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F: 9a-12p (by appt)

COURSE INFORMATION

COURSE NUMBER	DFTG 1302-001
COURSE TITLE	Introduction to Technical Animation and Rendering
PREREQUISITE(S)	DFTG 2300 or consent of instructor
LOCATION	TA 207B
TEXTBOOK	<i>Autodesk 3ds Max Design 201, Fundamentals</i> , SDC Publishing, ISBN 978-163-057-203-7
DESCRIPTION	This course is a basic study of technical computer models and animation.
SCOPE	The scope of <u>Introduction to Technical Animation and Rendering</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	Identify basic terminology and concepts associated with the development of technical computer models and animation; create a technical 3-D simulation using lighting, cameras, materials, textures, views, and scenes; and demonstrate importing models from computer-aided design or solid modeling programs.
COURSE TOPICS	<ol style="list-style-type: none">1) Introduction to Autodesk 3ds Max Software2) Project Assemblies3) Introduction to Ground Surfaces4) Basic Modeling Techniques5) Materiality6) Introduction to Lighting and Cameras7) Exposure Control, Daylight and Rendering8) Introduction to Animation9) Management and Workflow Techniques

GRADING

WEIGHTS	Daily Assignments	20%	SCALE	A	90 – 100%
	Review Questions	20%		B	80 – 89%
	Projects	30%		C	70 – 79%
	Exams	20%		D	60 – 69%
	Attendance	10%		F	59% or Below

DAILY ASSIGNMENTS Each practical drawing assignment and/or practical drawing test. Practical drawing assignments will be graded on the following:

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
8. Printing and Plotting

REVIEW QUESTIONS Students will be assigned review questions for each chapter covered in the textbook. Each assignment will be to the student as a study guide for the upcoming test.

PROJECTS Projects will be periodically assigned to demonstrate a practical proficiency in the various drawing elements in architectural drafting.

EXAMS Exams will be comprised of practical skills and objective material.

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 **Three absences**, for any reason, are allowed per semester. Tardies, defined as not being present in class within 5 five minutes of the start of class, will count as ½ absence. Your grade will drop one letter grade per each absence over the allowable limit. Six absences could result in the student being dropped from the course.

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.

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.

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 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 as long as it is played through headphones.

Cellphones are permitted during lab time when used directly for research or class initiatives. If your cell phone rings, 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*.

ACCOMODATIONS

Diversity Statement

In this class, the teacher will establish and support an environment that values and nurtures individual and group differences 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, Reese Center (Building 8) & Lubbock 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 Director of Health and Wellness. 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 Crystal Gilster, Director of Health and Wellness at 806-716-2362 or email cgilster@southplainscollege.edu for assistance.

Campus Concealed Carry

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, please refer to the SPC policy at:

http://www.southplainscollege.edu/human_resources/policy_procedure/hhc.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.