

**Landscape Drafting
DFTG 2427
Semester and Year**

Note: As of 10/14/2011 this course has not been offered, the instructor has not been hired, and the curriculum has not yet been developed.

Instructor —

Synonym —

Section Number —

Class Hours —

Office —

Office Hours —

Phone —

Email —

Please contact me if you wish to meet with me outside of regular office hours or to report an excused absence.

COURSE RATIONALE

Introduce students to accepted principles, methods and best practices in drafting with CAD software, involving the creation of site plan drawings, with an emphasis on landscaping and irrigation systems. Prepare students for advanced level CAD courses. Provide students with necessary skill sets suitable for entry level employment as a CAD technician.

COURSE DESCRIPTION

A study of site planning and landscape design.

PREREQUISITES

DFTG 2430 Civil Drafting

REQUIRED TEXTS/MATERIALS

Textbook

- DFTG 2430 Student Guide

Materials

- 2G USB drive
- Engineers Scale
- Personal Headphones (for viewing video tutorials)
- Yellow Highlighter
- 3 ring binder
- Notebook paper

STUDENT LEARNING OUTCOMES

Course-Level Student Learning Outcomes

Upon successful completion of the course, students will be able to:

- Perform a site analysis; develop a layout for plant materials and site amenities; explain plant material selection; design an irrigation system; apply codes and standards; develop a cost estimate for a landscape project; and develop project specifications. (source WECM manual end-of-course outcome).
- Define terminology and criteria related to land development codes.
- Utilize AEC (Architecture, Engineering & Construction) Software in the organization & creation of landscape drawings and irrigation systems

PROGRAM-LEVEL STUDENT LEARNING OUTCOMES

- A1.** Operate AEC (Architecture/Engineering/Construction) software including computer aided drafting (CAD), building information modeling (BIM), and 3D modeling applications to plan and prepare construction documents and technical graphics appropriate to the architectural and construction industries.
- C1.** Utilize CAD drafting & design software to plan and prepare construction documents, technical graphics and visualizations appropriate to the civil infrastructure industry.
- C2.** Demonstrate knowledge of civil drafting and design procedures; familiarity with design criteria, and their appropriate uses in civil infrastructure projects.
- C3.** Perform analyses and calculations suitable for civil infrastructure drafting & design processes.

- I1.** Utilize CAD software to plan and prepare documents and technical graphics appropriate to a range of design, manufacturing, and construction industries.

SCANS COMPETENCIES

ARCHITECTURAL & ENGINEERING CAD SCANS FIVE COMPETENCIES

Courses	Resources				Interpersonal				Information				Systems		Technology					
	C1 Allocates Time	C2 Allocates Money	C3 Allocates Material	C4 Allocates Human Resources	C5 Participates as a Member of a Team	C6 Teaches Others	C7 Serves Clients/Customers	C8 Exercises Leadership	C9 Negotiates to Arrive at a Decision	C10 Works with Cultural Diversity	C11 Acquires & Evaluates Information	C12 Organizes & Maintains Information	C13 Interprets & Communicates Information	C14 Uses Computers to Process Information	C15 Understands Systems	C16 Monitors & Corrects Performance	C17 Improves & Designs Systems	C18 Selects Technology	C19 Applies Technology to Task	C20 Maintains & Troubleshoots Technology
ARCE 1452	✓		✓								✓	✓	✓	✓	✓			✓	✓	✓
DFTG 1405	✓				✓						✓	✓	✓	✓	✓			✓	✓	✓
DFTG 1413	✓					✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 1417	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 1433	✓	✓	✓		✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 1445	✓		✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 1458	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 1475	✓		✓		✓		✓	✓			✓	✓	✓	✓	✓	✓	✓		✓	✓
DFTG 1491*	✓							✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 1493	✓							✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 1494	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 1495	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2400	✓				✓						✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2402	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2405	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2412	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2419	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2421	✓					✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2427	✓					✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2428	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2430	✓						✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2431	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2432	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2436	✓					✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2440	✓			✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2470	✓								✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2471	✓										✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2473	✓					✓					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2474	✓										✓	✓	✓	✓	✓	✓		✓	✓	✓
DFTG 2475	✓					✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2476	✓				✓			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
DFTG 2477	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MCHN 1419	✓			✓	✓				✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENGLISH																				
MATH																				
Oral Communication																				
Arts & Humanities																				
Social Behavior & Science																				

* = Capstone

ARCHITECTURAL & ENGINEERING CAD SCANS COMPETENCIES

FOUNDATION SKILLS

Courses	Basic Skills					Thinking Skills							Personal Qualities				
	Reading	Writing	Arithmetic/Mathematics	Listening	Speaking	Creative Thinking	Decision Making	Problem Solving	Visualizing	Knowing How to Learn	Reasoning	Responsibility	Self-Esteem	Sociability	Self-Management	Integrity/Honesty	
ARCE 1452	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	
DFTG 1405	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 1413	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 1417	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓			✓	✓	
DFTG 1433	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 1445	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 1458	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 1475	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 1491*	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 1493	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 1494	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	
DFTG 1495	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	
DFTG 2400	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	
DFTG 2402	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	
DFTG 2405	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	
DFTG 2412	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DFTG 2419	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DFTG 2421	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 2427	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 2428	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	
DFTG 2430	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
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DFTG 2432	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DFTG 2436	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DFTG 2440	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
DFTG 2470	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	
DFTG 2471	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	
DFTG 2473	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 2474	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			✓	✓	
DFTG 2475	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 2476	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
DFTG 2477	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
MCHN 1419	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ENGLISH																	
MATH																	
Oral Communication																	
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Social Behavior & Science																	

* = Capstone

COURSE EVALUATION/GRADING SCHEME

Drawing assignments will be graded based on:

- Completeness
- Accuracy
- Appropriate use of tools and techniques
- CAD standards & aesthetics
- Meets or exceeds design criteria (if applicable)

Grades will be determined as follows:

- 10% Exercises (averaged)
- 10% Exams (averaged)
- 50% Drawings (averaged)
- 20% Final Project
- 100% Total

The grade range for completed assignments is as listed:

- 90 to 100 = A
- 80 to 89 = B
- 70 to 79 = C
- 60 to 69 = D
- Below 60 = F
- A final grade of D or lower requires that the student retake the entire course.

*The final course average will be reduced by 1 point for each unexcused absence. A student is considered absent if more than 30 minutes of class is missed, unless all assigned work has been submitted. Attendance is required during lectures. A student is considered late if arrival to class is 10 minutes after official start time. Three late arrivals equals one absence. Drawing assignments turned in late may receive a penalty of 10 points for each week it is late.

INSTRUCTIONAL METHODOLOGY

This course is taught in the classroom in a lecture/laboratory format. The lecture will generally introduce concepts and skills, which will then be developed and applied in the laboratory.

OPEN LABS

Hours for the open lab will coincide with the tutoring schedule which will be posted during the first week or two of the semester. **You may not be able to complete all the assignments in class**, so the open lab is one of your best opportunities to get help in finishing the lab exercises.

COURSE/DEPARTMENTAL POLICIES

Attendance/Class Participation

Students accruing more than two (2) UNEXCUSED absences may be withdrawn from the course at the instructor's discretion. Students may make-up absences by attending other classes. It is the student's responsibility to inform instructor when circumstances prevent him/her from attending class. An instructor may lower a student's final grade for a course due to excessive absences. **Attendance at the Midterm and Final Portfolio Reviews are mandatory—students who do not attend these reviews may be dropped from the course.**

Cell Phones and Electronic Devices

To avoid disturbing or distracting others during class or open lab times, students are requested to conduct personal communications of any sort outside of the classrooms. For this reason, the use of cell phones and other PDA's by students is prohibited inside A&E CAD classrooms (this includes placing or receiving phone calls, text messages and emails). When conducting personal communication in the hallways, please control the volume of your voice so as not to disturb students in nearby classrooms.

Withdrawal Policy

Course withdrawals may occur at any time after the official reporting date of a semester and up to the established deadline for withdrawals in each semester. The established deadline is listed in the course schedule and on the Web.

It is the responsibility of each student to ensure that his or her name is removed from the roll if he or she decides to withdraw from the class. The instructor does, however, reserve the right to drop a student should he or she feel it is necessary. If a student decides to withdraw, he or she should also verify that the withdrawal is submitted before the Final Withdrawal Date. The student is also strongly encouraged to retain their copy of the withdrawal form for their records.

Initiation of Withdrawals:

Withdrawals from a course result in a grade of "W" and may be affected through action taken by either the student, the course instructor, or the instructor's immediate supervisor in the instructor's absence. Students who wish to withdraw from specific courses should initiate withdrawal procedures with the Campus Admissions and Records Office prior to the published deadline for withdrawals. Students who are not withdrawn as of the established deadline will receive a performance grade (A, B, C, D, or F). Students must present a picture I.D. to withdraw from the course.

Students who enroll for the third or subsequent time in a course taken since Fall 2002, may be charged a higher tuition rate, for that course.

State law permits students to withdraw from no more than six courses during their entire undergraduate career at Texas public colleges or universities. With certain exceptions, all course withdrawals automatically count towards this limit. Details regarding this policy can be found in the ACC college catalog.

Incompletes

The grade of "I" (for Incomplete) may be given by an instructor for a course in which a student was unable to complete all of the objectives for the passing grade. A grade of "I" cannot be carried beyond the established date in the following semester or session. The completion date is determined by the instructor, but may not be later than two weeks prior to the end of the semester. The Department Chair will approve a change from "I" to a performance grade (A, B, C, D, F) for the course prior to or at the deadline. Consideration should be given to course load and job and family obligations when carrying an "I" grade into a new semester for completion. Grades of "I" that are not resolved by the deadline will automatically be converted to a grade of "F." In extreme cases, permission may be granted to carry an "I" grade for longer than the following semester or session deadline; this must have the approval of the Dean.

Policy on Late or Missing Work

Instructors may impose a late penalty on work that is submitted after the assigned due date.

Statement on Scholastic Dishonesty

Representing the work of another person as your own work is considered scholastic dishonesty by the A&E CAD department. Academic work submitted by students shall be the result of their own thought, research or self-expression. For purposes of this rule, academic work is defined as, but not limited to tests and quizzes, whether taken electronically or on paper; projects, either individual or group; papers; classroom presentations; and homework. When students borrow ideas, wording or organization from another source, they shall reference that information in an appropriate manner.

Reproduction or transmission of A&E CAD Departmental Check Prints in any manner (including photography and scanning) is a violation of the A&E CAD department's Scholastic Dishonesty policy.

Sharing a drawing file of a class project with another student, or representing the file of another student as your own work, is a violation of the department's Scholastic Dishonesty policy.

Violation of this policy may result in, but is not limited to, the following: reduction of the grade on the project, a grade of zero being recorded for the project, the assignment being replaced with a different project with a reduced maximum grade, the reduction of the final course grade, and in the most extreme cases, withdrawal from the course. Students accused of scholastic dishonesty will be subject to the procedures outlined in

the Policies and Procedures for Academic Dishonesty section of the ACC Student Handbook.

Student Rights and Responsibilities

Students at the college have the rights accorded by the U.S. Constitution to freedom of speech, peaceful assembly, petition, and association. These rights carry with them the responsibility to accord the same rights to others in the college community and not to interfere with or disrupt the educational process. Opportunity for students to examine and question pertinent data and assumptions of a given discipline, guided by the evidence of scholarly research, is appropriate in a learning environment. This concept is accompanied by an equally demanding concept of responsibility on the part of the student. As willing partners in learning, students must comply with college rules and procedures.

Statement on Students with Disabilities

Each ACC campus offers support services for students with documented disabilities.

Students with disabilities who need classroom, academic or other accommodations must request them through the Office for Students with Disabilities (OSD). Students are encouraged to request accommodations when they register for courses or at least three weeks before the start of the semester, otherwise the provision of accommodations may be delayed.

Students who have received approval for accommodations from OSD for this course must provide the instructor with the 'Notice of Approved Accommodations' from OSD before accommodations will be provided. Arrangements for academic accommodations can only be made after the instructor receives the 'Notice of Approved Accommodations' from the student.

Students with approved accommodations are encouraged to submit the 'Notice of Approved Accommodations' to the instructor at the beginning of the semester because a reasonable amount of time may be needed to prepare and arrange for the accommodations.

Additional information about the Office for Students with Disabilities is available at <http://www.austincc.edu/support/osd/>.

Safety Statement

Austin Community College is committed to providing a safe and healthy environment for study and work. You are expected to learn and comply with ACC environmental, health and safety procedures and agree to follow ACC safety policies. Additional information on these can be found at <http://www.austincc.edu/ehs>. Because some health and safety circumstances are beyond our control, we ask that you become familiar with the Emergency Procedures poster and Campus Safety Plan map in each classroom. Additional information about emergency procedures and how to sign up for ACC

Emergency Alerts to be notified in the event of a serious emergency can be found at <http://www.austincc.edu/emergency/>.

You are expected to conduct yourself professionally with respect and courtesy to all. Anyone who thoughtlessly or intentionally jeopardizes the health or safety of another individual will be immediately dismissed from the day's activity, may be withdrawn from the class, and/or barred from attending future activities.

Freedom of Expression

Each student is strongly encouraged to participate in class. In any classroom situation that includes discussion and critical thinking, there are bound to be many differing viewpoints. These differences enhance the learning experience and create an atmosphere where students and instructors alike will be encouraged to think and learn. On sensitive and volatile topics, students may sometimes disagree not only with each other but also with the instructor. It is expected that faculty and students will respect the views of others when expressed in classroom discussions.

All discussion or conversation in the classroom should be appropriate and respectful of others.

Students and Instructional Services

ACC strives to provide exemplary support to its students and offers a broad variety of opportunities and services. Information on these services and support systems is available at: <http://www.austincc.edu/s4/>

Links to many student services and other information can be found at: <http://www.austincc.edu/current/>

For help setting up your ACCeID, ACC Gmail, or ACC Blackboard, contact ACC Helpdesk at helpdesk.austincc.edu or 223-HELP.

Ownership of Student Work

The Architectural & Engineering Computer Aided Design (A&E CAD) Department reserves the right to retain any and all student work (including but not limited to: original work, scans, photographs, and copies of student work) completed as A&E CAD course work for the purposes of documentation, accreditation, evidence of student performance, university transfer, marketing or any other purpose supporting the mission of the Department and Austin Community College.

Concealed Handgun Policy

The Austin Community College District concealed handgun policy ensures compliance with Section 411.2031 of the Texas Government Code (also known as the [Campus Carry Law](#)), while maintaining ACC's commitment to provide a safe environment for its students, faculty, staff, and visitors.

Beginning August 1, 2017, individuals who are licensed to carry (LTC) may do so on campus premises except in locations and at activities prohibited by state or federal law, or the college's concealed handgun policy.

It is the responsibility of license holders to conceal their handguns at all times. Persons who see a handgun on campus are asked to contact the ACC Police Department by dialing 222 from a campus phone or 512-223-7999.