



TED135 CAD II Syllabus

Course Information

Credits	3
Campus	Washburn Institute of Technology
Address	5724 SW Huntoon
City/State/Zip	Topeka, Kansas 66604
Office Fax	785-273-7080

Description

Second course in a three-term sequence covering intermediate AutoCAD commands including attribute blocks, external references, object linking/embedding, advanced drawing set-up, and user coordinate systems. Work will be completed with AutoCAD. Recommended prerequisite: TED130

Textbooks

Leach, James; AutoCad 2012 Instructor; McGraw Hill 2011, 11th Edition; ISBN: 978-0-073-37546-5.

Student Learning Outcomes:

- A. Communicate effectively
- B. Integrate technology
- C. Learn effectively
- D. Demonstrate cooperative teamwork skills
- E. Apply safety in the workplace
- F. Think critically and creatively
- G. Demonstrate responsible work ethics

Competencies

1. Demonstrate proficiency in setting up drawing parameters
2. Demonstrate proficiency in creating and using a prototype drawing
3. Demonstrate file plot to scale
4. Demonstrate three dimensional drawing methods
5. Demonstrate the use of file utilities
6. Calculations of area, divide, measure, and distance
7. Demonstrate file interchangeability with compatible software
8. Demonstrate the use and management of blocks
9. Demonstrate purging of a file
10. Layout using paperspace
11. Demonstrate proficiency in using XREF
12. Demonstrate ability to create and use attributes

13. Demonstrate ability to create and use template drawing files
14. Demonstrate ability to and use viewports in paperspace (layout)
15. Demonstrate ability to dimension in model and paper space using appropriate scales
16. Demonstrate ability to use sheet sets
17. Demonstrate ability to create and use tables
18. Demonstrate the use of Hyperlink to link your drawings to other drawings, text doc., or spreadsheets on your computer, your network, or the Internet
19. Demonstrate using Publish to web to create
20. Web pages to display AutoCAD drawings
21. Demonstrate using Publish to create drawingsets in .DWF files

Guidelines for Success

Assessment Plan

Assessment is an integral part of the educational process at Washburn Tech and accurate feedback is an important tool in continuously improving the institution's technical programs. Students can expect to participate in assessment activities prior to entry into programs, within specific courses and following program completion for specific fields of study.

Grading Criteria:

- A 92% - 100%
- B 84% - 91%
- C 76% - 83%
- D 68% - 75%
- F 67% or below

Attendance

A student can receive 1 hour make-up by completing a two page typed paper, on an approved subject, double spaced, 12 point font, and with at least 2 sources identified.

Disability

The Special Support Services (SSS) Office is responsible for assisting in arranging accommodations and for identifying resources at Washburn Institute of Technology for persons with disabilities. Qualified students with disabilities MUST register and provide documentation with the office to be eligible for services. New requests for accommodations should be submitted two months or more prior to the date services should begin; however, contact the SSS Office as soon as a need may arise. Depending on the accommodation request, four to eight week lead time may be needed for timely and effective provision of services. SSS coordinates and assist in arranging services it deems appropriate of eligible students on a case-by-case basis.

If you are a student with a disability that may substantially limit your ability to participate in this class and believe you will need accommodations, it is your responsibility to contact:

Special Support Services Coordinator

Phone: 785-228-6356

E-Mail: ssscoordinator@washburn.edu

