

**Western Dakota Technical Institute
800 Mickelson Drive
Rapid City, SD 57703-4018**

Master Syllabus

Course Number: CAD 140
Course Name: Advanced 2D CAD
Credits: 3
Contact Hours: 1 lecture; 4 lab

Course Description: This course is a continuation of Introduction to 2D CAD and covers advanced concepts of the latest AutoCAD release. Advanced Draw, Modify, Text, Block, Data Linking, Dimensioning, and Layout concepts will be studied.

Prerequisites: CAD 132 or permission from the instructor

Textbooks: <http://bookstore.wdt.edu>

Materials: Notebook and/or note paper, drafting scales (Arch. & Eng.), storage media for backing up electronic working files, and folder for handouts.

Student Learning Outcomes:

- Prepare drawings which include the advanced concepts of draw, modify, plotting, scaling, text, blocks, dimensioning and external references with the latest release of AutoCAD.

Assessment: Students' communication skills, analytical skills, technology skills, and teamwork techniques will be assessed throughout this course.

ADA Accommodations: Students Rights to Assistance or Accommodations: If you have a documented disability for which you are or may be requesting accommodations, you should contact your instructor and the Disability Coordinator as early as possible in the semester.

Notice of Non-Discrimination: Western Dakota Technical Institute 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: Disability Coordinator.