

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

Master Syllabus

Course Number: CAD 111
Course Name: Architectural Drafting I
Credits: 3
Contact Hours: 3 Lecture

Course Description: This course is an introduction to architectural drafting and design. Students will build on their knowledge of residential construction and learn to apply that knowledge toward the development of residential construction documents which conform to code requirements, industry standards, and proper drafting techniques.

Prerequisites: CAD 135 and CAD 139

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

Materials: Laptop, backup storage device for electronic files, architectural scale, notebook, folder for handouts

Student Learning Outcomes:

- Examine the processes involved in residential architectural design.
- Construct a full set of plans which conform to applicable codes and known industry standards while demonstrating proper drafting practices and techniques.

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

ADA Accommodations: Students Rights to Assistance or Accommodations: Western Dakota Technical Institute (hereinafter WDT) does not discriminate on the basis of disability. If you have a disability as defined by federal or state law, including a temporary disability related to pregnancy and/or parenting as a result of a medical necessity due to childbirth, WDT will provide reasonable accommodations including but not limited to architectural access, aids and services necessary for effective communication, and modification of its policies and procedures. Students with a disability who are requesting an accommodation should contact your instructor and the Student Success Director who serves as the disability coordinator as early as possible in the semester.

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