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

Master Syllabus

Course Number: CAD 141
Course Name: Architectural 3D CAD
Credits: 3
Contact Hours: 3 Lecture

Course Description: This course introduces the industry standard 3D CAD application in the architectural field. The course covers the basics of parametric 3D modeling with BIM (Building Information Modeling) software.

Textbooks: http://bookstore.wdt.edu

Materials: Notebook and/or note paper, architectural drafting scale, storage media for backing up electronic working files, and folder for handouts.

Student Learning Outcomes:

- Identify basic Building Information Modeling (BIM) concepts and procedures
- Generate views including plans, elevations and sections based on BIM

Assessment: Students' communication skills, analytical skills, technology skills, teamwork techniques, 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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person has been designated to handle inquiries or complaints regarding the non-discrimination policies: Student Success Director