

# WESTERN DAKOTA TECH

## COMPUTER-AIDED DESIGN - MECHANICAL CERTIFICATE

### Certificate, 20 Credit Hours, 9-Month Program

The Computer-Aided Design program at WDTTC equips students with the skills and knowledge necessary to produce accurate technical drawings using industry standard CAD systems.

Graduates of this certificate receive training in only the technical mechanical courses. It is designed for students who already have a related degree but wish to specialize in mechanical design.

Course No.	Course Title	Credits
CAD 101	DRAFTING FUNDAMENTALS	3
CAD 139	2D CAD	3
CAD 142	MECHANICAL 3D CAD	3
CAD 232	MECHANICAL PRINCIPLES	3
CAD 234	MECHANICAL PRINT READING	2
CAD 244	3D ENGINEERING DESIGN	3
CAD 247	COMPUTER AUTOMATED MANUFACTURING	3
Total		20

Some courses are offered only in certain semesters.

See Program Director for enrollment approval.

### Semester Breakdown Certificate

First Semester	CR	Second Semester	CR
CAD 101 Drafting Fundamentals	3	CAD 232 Mechanical Principles	3
CAD 139 2D CAD	3	CAD 234 Mechanical Print Reading	2
CAD 142 Mechanical 3D CAD	3	CAD 244 3D Engineering Design	3
		CAD 247 Computer Automated Manufacturing	3
Total Credit Hours	9	Total Credit Hours	11

2022-2023 Academic Catalog - 5/2022

Apply online today at [wdt.edu](http://wdt.edu) or call Admissions Department at (605)718-2565 or email [admissions@wdt.edu](mailto:admissions@wdt.edu)

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