

CAD Design Architectural Specialist

Help clients bring their building and design ideas to the life as a CAD design architectural specialist. This program will teach you the essential elements of computer aided drafting and design using computer software. You'll learn how to create drawings and blueprints for buildings and how to successfully present your designs to clients. The possibilities in CAD really are as endless as your creativity! In this career one day you might work with clients to design a detailed building and the next day you could find yourself helping a business owner maximize the space they have for equipment in a commercial building.

How You'll Learn Hands-On

Get out of the classroom and into the real world with projects such as:

- Creating models of floor plans for residential and commercial buildings
- Designing a tiny house that Residential and Commercial Construction students will build

Where it Can Take You

Use the skills you'll learn in this program to find a career you'll love. Possibilities include:

- CAD Technician
- AutoCAD Specialist
- Architect
- Entrepreneur

What You'll Learn

Course	Hours
Fundamentals of Computer Aided Drafting & Design	120
Drawing & Document Management	45
Principles of CAD Design	165
Material & Equipment Specifications	45

Architecture Computer Aided Drafting & Design	120
Presentation Graphics Animation	195
CAD Architectural Level I	60
CAD Architectural Level II	60
CAD Architectural Level III	60
CAD Architectural Level IV	60
CAD Architectural Level V	60
Workforce Staging	30
Total	1,020

Career Readiness Certificate

[WorkKeys®](#), an assessment tool from the ACT® organization, measures skills employers have identified as critical to job success in their industry and are used in hiring and promoting employees. Students are able to earn the ACT®-issued [National Career Readiness Certificate](#) by meeting the score requirements for their job field on three WorkKeys® assessments.

Matching the right employees with the right job creates employee job satisfaction, increased self-confidence and the best wages possible for the employee. The employer benefits with reduced turnover and training, increased productivity and overall company success. To learn about the WorkKeys® scores needed for your future career field visit [Job Profiles](#).

The required WorkKeys scores for this career major are:

Applied Math - 4

Workplace Documents - 4

Graphic Literacy - 4

Graduation Requirements

In order to be successful in a career, students will need to meet all technical and academic standards related to their career of choice at Meridian. Meridian offers rigorous programs of study designed in cooperation with business and industry to ensure students are fully prepared for the demands of the workplace.

Meridian's Career Ready Credential

When a student completes all standards as set forth in their program of study, they will be considered a graduate of Meridian and receive the Career Ready Credential. Students who do not meet these standards will not be considered graduates of Meridian. Students should have:

- Completed all courses in a career major with a grade of "C" or above and achieved required industry-based certifications for the career major
- Achieved WorkKeys® scores at or above the level required for the career major or earned an ACT® composite score of 19 or greater (Students may substitute equivalent scores on SAT, ACCUPLACER or other approved assessments.)

Additional Endorsements

Students earning a Career Ready Credential may also earn the Postsecondary Ready Endorsement, Citizenship Ready Endorsement and the National Career Readiness Certificate (CRC).

Postsecondary Ready Endorsement

- Earned, or was on track to earn, a high school diploma or GED at the time of Meridian graduation
- Achieved a subscore of 19 or greater on the ACT® in math, English, reading and science (Students may substitute equivalent scores on SAT, ACCUPLACER or other approved assessments.)

Citizenship Ready Endorsement

- Completed employment profile, résumé, job application, cover letter, mock interview and job search training through OKJobMatch.com
- Documented active membership in a [CareerTech Student Organization](#) or professional association related to the program of study
- Documented 20 hours of volunteerism or service in a community activity

National Career Readiness Certificate (CRC)

- Completed WorkKeys® assessments in Applied Math, Workplace Documents and Graphic Literacy and received a silver, gold or platinum National [Career Readiness](#)

[Certificate](#) through the Oklahoma Department of Career and Technology Education.

Get Started

Apply for [admission as a high school student](#). Apply for [admission as an adult](#). Contact the Career Planning Center with questions at [405.377.3333](tel:405.377.3333).