



Get started on an  
in-demand career.

## CAD TECHNOLOGY

### Associate of Applied Science

This program is designed to prepare students to enter the high-demand world of Computer Aided Design (CAD) Technology. Students use their creativity as they bring ideas to life. As CAD technicians they work hand-in-hand with scientists, engineers, architects and designers. CAD technicians prepare detailed CAD drawings based on rough sketches, specifications and calculations. They are an integral part of any industrial project.

#### JOB OPPORTUNITIES FOR GRADUATES

There are many opportunities for midrange level employment in mechanical, electrical, solar, architectural, civil, surveying and land and urban development sectors of the marketplace. The scope, complexity and depth of these midrange level positions allow the possibility of more advancement than the entry level CAD Certificate.

#### SALARY

\$22.72 hourly (Bureau of Labor/Ohio)



#### ACCREDITATION

Accredited by the Association of Technology, Management, and Applied Engineering (ATMAE).

#### LOCATION

Findlay-area Campus  
Toledo-area Campus

For more information, visit [www.owens.edu](http://www.owens.edu) or call:

#### Office of Admissions

Toledo-area Campus - (567) 661-7777  
Findlay-area Campus - (567) 429-3509

#### School of Science, Technology, Engineering and Mathematics

(567) 661-7457



**OWENS**  
COMMUNITY COLLEGE

# Program Curriculum

## CAD TECHNOLOGY

### Associate of Applied Science

#### REQUIRED COURSES

High school and adult career-technical students who successfully complete specified technical programs are eligible to have technical credit transfer. For more information on career-technical course work that students can complete for transfer, visit The University System of Ohio Board of Regents, Career-Technical Credit Transfer (CT)2 website or contact your Advisor.

#### 1ST SEMESTER

CAD 117	Intro to Board & CAD Drafting	Credits: 3(Lec: 2 Lab: 3)
CAD 130	3D Modeling for Manufacturing	Credits: 3(Lec: 2 Lab: 3)
MTH 143	Applied Industrial Mathematics	Credits: 3(Lec: 3)
STM 105	Technology in Society	Credits: 2(Lec: 2)
ENG 111	Composition I*	Credits: 3(Lec: 3)

#### 2ND SEMESTER

CAD 132	CAD Drafting & Design	Credits: 2(Lec: 1 Lab: 3)
CAD 144	GD & T	Credits: 2(Lec: 2)
CAD 210	Intro to 3D Modeling-CAD 1A	Credits: 3(Lec: 2 Lab: 3)
CAD 230	Industrial CAD I	Credits: 3(Lec: 2 Lab: 3)
CAM 160	Machining I	Credits: 2(Lec: 1 Lab: 3)
IST 131	Computer Concepts and Apps	Credits: 3(Lec: 3)

#### 3RD SEMESTER

CAD 235	Construction and Surveying CAD	Credits: 3(Lec: 3 Lab: 2)
ENG 130	Intro to Technical Comm	Credits: 3(Lec: 3)
CAD 280	Intro to 3D Modeling-CAD 1B	Credits: 3(Lec: 2 Lab: 3)
MET 130	Material Science	Credits: 3(Lec: 2 Lab: 3)
CAM 161	Machining II	Credits: 2(Lec: 1 Lab: 3)
PHY 143	Applied Industrial Physics	Credits: 3(Lec: 3)

#### 4TH SEMESTER

CAD 287	Capstone Project	Credits: 2(Lec: 1 Lab:3)
BUS 120	Principles of Management	Credits: 3(Lec: 3)
PSY 111	Indust/Organization Psych	Credits: 3(Lec: 3)
SPE 101	Public Speaking	Credits: 3(Lec: 3)
_____	Elective**	Credits: 3

\*\*Select 3 Elective credits from: CAD 215, CAD 281, CAD 291, CAM 122, CAM 124.

\*Ohio Transfer Module Course

More information about the Ohio Transfer Module Course can be found at [www.ohiohighered.org/transfer/transfermodule](http://www.ohiohighered.org/transfer/transfermodule)

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Your *Success* Starts Here.



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