

# GET STARTED ON AN IN-DEMAND CAREER.



## CATERPILLAR DEALER SERVICE TECHNICIAN

Associate of Applied Science

### JOB OPPORTUNITIES FOR GRADUATES

Employment of heavy vehicle and mobile equipment service technicians is projected to grow about as fast as the average for all occupations.

As the stock of heavy vehicles and mobile equipment continues to increase, more service technicians will be needed to maintain them. In particular, demand for heavy equipment used in construction, mining, and energy exploration will result in employment growth for service technicians. Growth rates will vary by specialty.

As heavy equipment becomes increasingly more sophisticated and computerized, more employers are looking to hire technicians that have completed postsecondary training. Those without formal training will have difficulty finding jobs. Many job opportunities will come from the need to replace workers who retire or leave the occupation.

### SALARY

The median annual wage for heavy vehicle and mobile equipment service technicians was \$57,000 in May 2020. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less.

<https://www.bls.gov/oes/current/oes493042.htm>

### ACCREDITATION

The Caterpillar Service Technician Program is currently accredited by both AED (Associated Equipment Distributors) and ATMAE (The Association of Technology, Management and Applied Engineering).

### LOCATION

Toledo-area Campus

### EMPLOYER TESTIMONIAL

MacAllister Machinery has been very pleased with the Caterpillar Dealer Service Technician Program and partnership with Owens Community College. This is the way for Caterpillar dealerships to “Grow your Own” technicians. Our future employees, students, are handpicked from various high school vocational programs by interviewing and testing.

After graduating from the Owens Associate Degree Program, the student enters the company as a Level 2 technician and excels to Level 3 service technician within two to three years.

Dennis J. Fawcett  
*Rebuild Growth Manager*  
*MacAllister Machinery Co. Inc.*

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#### Office of Admissions

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

#### Transportation Technologies

(567) 661-7388



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# PROGRAM CURRICULUM

## CATERPILLAR SERVICE TECHNICIAN PROGRAM

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### 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

CAT 110	CAT Engine Fundamentals	Credits: 4(Lec: 2 Lab: 6)
CAT 111	Intro to CAT Service	Credits: 2(Lec: 1 Lab: 3)
CAT 291	CAT Tech Field Experience	Credits: 1 to 3(Oth: 12 to 36)
BUS 120	Principles of Management	Credits: 3(Lec: 3)
WLD 191	Intro to the Welding Processes	Credits: 2(Lec: 1 Lab: 3)
STM 105	Technology in Society	Credits: 2(Lec: 2)

#### 2ND SEMESTER

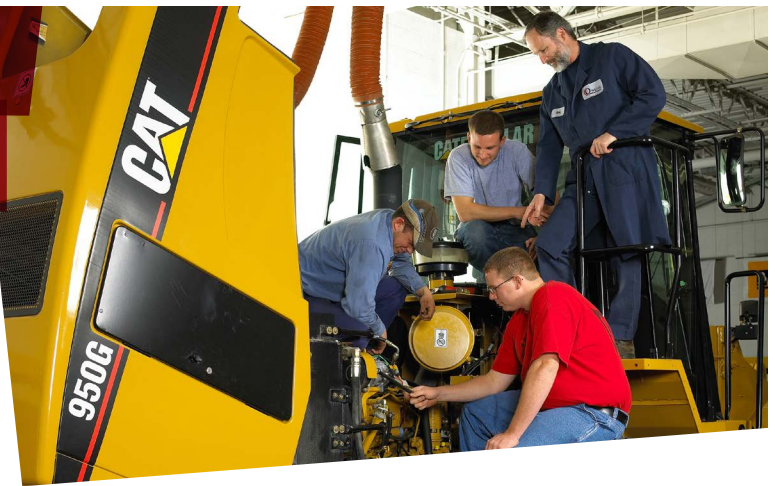
CAT 112	Fundamentals of Hydraulics	Credits: 3(Lec: 2 Lab: 3)
CAT 113	CAT Engine Fuel System	Credits: 3(Lec: 2 Lab: 3)
CAT 114	Fund of Electrical Systems	Credits: 3(Lec: 2 Lab: 3)
CAT 291	CAT Tech Field Experience	Credits: 1 to 3(Oth: 12 to 36)
MTH 143	Applied Industrial Mathematics	Credits: 3(Lec: 3)
IST 100	Fundamentals of Computing	Credits: 1(Lec: 1)

#### 3RD SEMESTER

CAT 115	Air Conditioning	Credits: 2(Lec: 1 Lab: 3)
CAT 116	Fund of Trans & Tor Con	Credits: 3(Lec: 2 Lab: 3)
CAT 117	Machine Hydraulic Systems	Credits: 3(Lec: 2 Lab: 3)

#### 4TH SEMESTER

CAT 200	Undercarriage & Final Drive	Credits: 3(Lec: 2 Lab: 3)
CAT 201	Machine Electronic System	Credits: 3(Lec: 2 Lab: 3)
CAT 291	CAT Tech Field Experience	Credits: 1 to 3(Oth: 12 to 36)
PHY 143	Applied Industrial Physics	Credits: 3(Lec: 3)
PSY 111	Indust/Organization Psych	Credits: 3(Lec: 3)



#### 5TH SEMESTER

CAT 202	CAT Engine Performance	Credits: 2(Lec: 1 Lab: 3)
CAT 203	Diagnostic Testing	Credits: 2(Lec: 1 Lab: 3)
CAT 204	Machine Specific Systems	Credits: 3(Lec: 2 Lab: 3)
CAT 291	CAT Tech Field Experience	Credits: 1 to 3(Oth: 12 to 36)
ENG 111	Composition I *	Credits: 3(Lec: 3)
or		
ENG 111P	Composition I Plus *	Credits: 4(Lec: 4)
SPE 210	Small Group Communication	Credits: 3(Lec: 3)

\*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)

#### MORE INFORMATION

Indiana residents who enroll at Owens Community College in the Caterpillar Dealer Service Technician, AAS or John Deere, AAS programs may be eligible to pay the Ohio resident fees instead of the out-of-state fees. Information regarding Indiana reciprocity can be found at <https://www.owens.edu/records/indiana.pdf>.

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Your *Success* Starts Here.



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