



Career and Technical Education 2019-2020



To Excellence in the Monroe County Schools

CTE IT Certifications

Total Industry Certifications*

2015-16	288
2016-17	305
2017-18	433
2018-19	771

* (includes completed MOS)

**Over 1200 individual certifications



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Total CTE Certifications 2018-2019

IT	677
Culinary	24
Auto	55
FF/EMR	15
Total	771

900+ projected for 2019-2020



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Highlights

- Increased pass rate districtwide 43% to 51%.
- Projected 70% increase in certifications.
- IT certifications embedded in Computer Science and Engineering classes (partnership with AP/PLTW).
- Increase certifications in non-CTE programs.
- Auto Mechanics certifications at CSHS and KWHS.
- Over 350 certifications in middle and elementary.



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MCSD CTE Programs

Monroe County School District has a growing number of Career and Technical Education programs in every school in the district. Students can earn over **50 different industry certifications** offered in the following programs:

Internet Technology

Digital Video Production

Engineering

Digital Literacy (Elem. and Middle)

Culinary

Fire Academy (KWHS and MHS)

Auto Mechanics

Outboard Marine

Health Careers

Construction

Criminal Justice

On the Job Training

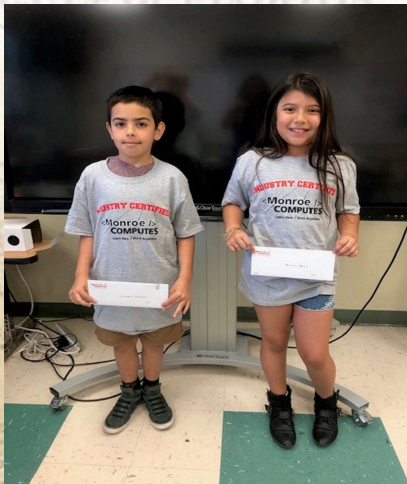
Horticulture



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Internet Technology

The IT program's mission is to ensure that K-12 students graduate well equipped for the future. Students earn industry certifications, college credits and monetary awards from Monroe Computes.



Over 30 certifications offered including:

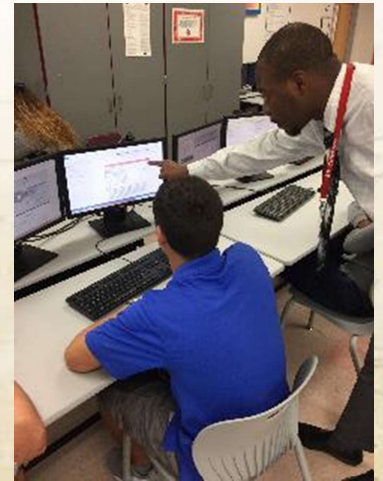
Microsoft Office Specialist/Master

Adobe Creative Cloud Suite

Microsoft Technology Associate Programing

Autodesk Inventor

IC3 Digital Literacy



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Digital Video Production

Digital Video Production is one of the most popular CTE programs in Monroe County. Middle and High School students earn industry certifications and monetary awards from Monroe Computes. Students also compete in national competitions for a chance to receive awards and college scholarships.

Over 10 certifications offered including:

Adobe Photoshop

Adobe Premier Pro

Apple Final Cut Pro



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Engineering, Programing, Robotics

In an effort to make cutting edge certifications available to all students, CTE has added numerous engineering, programing, and robotics certification offerings. CTE has partnered with the district Science Department to embed certifications in Engineering, AP Computer Science, STEM, and middle school elective courses.

Certifications offered include:

Autodesk-AutoCAD

Microsoft Technology Associate Programming

Robotics

Digital Tool Certificates



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Culinary

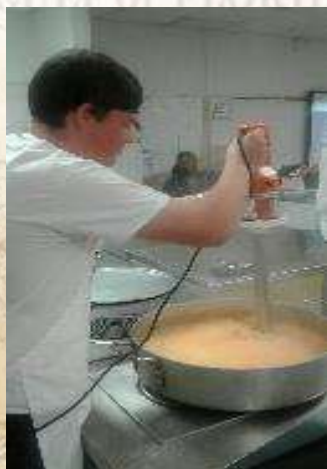
We have a booming Culinary program in all three MCSD high schools. Students can earn professional certifications and participate in local and national competitions.

Certifications offered include:

Food Service Management Professional*

National ProStart Cert. of Achievement

Certified Food Protection Manager



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Fire Fighting/Health Careers/ Criminal Justice

New
MHS
Fire Academy

MCSD has three career programs to train and certify future first responders. Students receive national and state certification training for careers as fire fighters, emergency medical technicians, health professionals, and law enforcement.

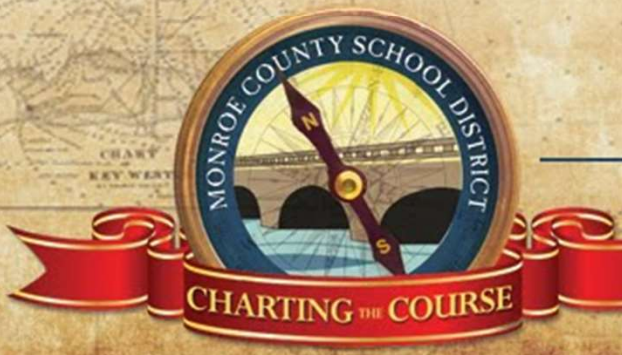
Certifications offered include:

Fighter 1 (State of Florida)

Emergency Medical Responder

Certified Nursing Assistant

911 Dispatch*



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Auto Mechanics

MCSD has an ASE Certified program at CSHS and a brand new Auto Mechanics program at KWHS. Students earn ASE certifications in competencies such as breaks, engine repair, electrical and air conditions. Students can also do paid internship at area dealerships.

Certifications offered include:

ASE Entry Level Automobile Service Certifications

Brakes

Engine Performance/Repair

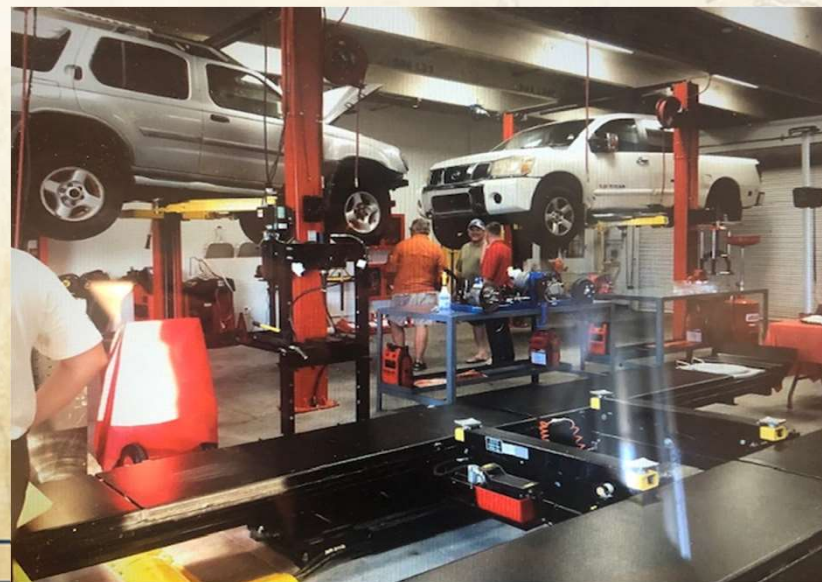
Manual Drive Transmission

Suspension and Steering

Heating and Air Condition

Electrical

New
KWHS
AUTO



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Outboard Marine/Construction

Coral Shores High School's premier **Outboard Marine** program offers hands-training for students interested in outboard engine repair

Certifications offered include:

Yamaha Service Professional

ASE Electrical

ASE Engine Repair



CSHS **Construction** program will be offering new certifications this year, including NCCER Carpentry.



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