



Monroe Technology Center

2016-2017 Fact Sheet

OVERVIEW

Monroe Technology Center, The Loudoun Governor's Career and Technical STEM Academy is unlike any other public school in Loudoun County. With more than 26 programs, 105 dual enrolled credits, internship and job opportunities, Monroe makes students STAND OUT. Located in Leesburg, Virginia, MTC offers juniors and seniors at sixteen Loudoun County High Schools the opportunity to obtain in-depth training to meet their future career goals.



MISSION

Monroe Technology Center (MTC) is committed to student growth in all areas of Career and Technical Education. Our programs ensure that technical education within an academic setting prepares students for college- and career-readiness in a global society.

QUICK FACTS

- ◆ 81% of MTC grads go on to some form of post-secondary education (university, community college, technical school);
- ◆ Each student enrolled in a MTC dual enrolled program will earn up to six (6) college credits upon successful completion;
- ◆ The average starting salary for a student with skilled labor experience is \$13.00-\$17.00 per hour
- ◆ MTC offers training in 19 of the 30 fastest growing occupations in the United States.
- ◆ More than 50 industry-recognized certifications are offered to students.



SUCCESSFUL MONROE STUDENTS:

- ◆ Are in good academic standing;
- ◆ Demonstrate a genuine interest in the field of study to which they are applying;
- ◆ Have excellent attendance;
- ◆ Accept responsibility;
- ◆ Work well in teams;
- ◆ Read and understand complex information;
- ◆ Communicate well in speech and writing;
- ◆ Accurately perform calculations and measurements;
- ◆ Use computers to process and record information and interpret data;
- ◆ Take on a leadership role.



PROGRAMS OF STUDY

- ◆ Administration of Justice*
- ◆ Auto Collision Repair Technology
- ◆ Auto Servicing Repair Technology β
- ◆ Biotechnology
- ◆ Building Construction
- ◆ Computer & Digital Animation* β
- ◆ Computer Integrated Engineering & Design* β
- ◆ Computer Network Administration*
- ◆ Computer Systems Technology*
- ◆ Cosmetology
- ◆ Culinary Arts
- ◆ Emergency Medical Technician
- ◆ Environmental Plant Science (horticulture)* β
- ◆ Firefighter*
- ◆ Graphic Communications
- ◆ Heating, Ventilation & Air Conditioning
- ◆ Introduction to Health & Medical Science* β
- ◆ Masonry (bricklaying)
- ◆ Medical Laboratory Technology* β
- ◆ Nail Design
- ◆ Pharmacy Technology β
- ◆ Practical Nursing β
- ◆ Radiology Technology * β
- ◆ TV Production & Digital Moviemaking
- ◆ Veterinary Science
- ◆ Welding

* This symbol indicates that this program is dual-enrolled with Northern Virginia Community College (NVCC)
 β This symbol indicates that this program is part of the Loudoun Governor's STEM Academy

STUDENT ORGANIZATIONS

Co-curricular programs enhance the student's career and technical studies, facilitate networking with professionals in their industry, model employability traits and provide leadership training. Students participate in skills competitions and community service. MTC proudly participates in:

- ◆ SkillsUSA
- ◆ Future Farmers of America (FFA)
- ◆ Health Occupations Student Association (HOSA)
- ◆ National Technical Honor Society (NTHS)
- ◆ Family, Career, and Community Leaders of America (FCCLA)

1:2:7

According to Harvard University, for every **1** job that is currently available that requires an advanced or professional degree, there are **2** jobs that require a bachelor's degree and **7** jobs that require an Associate's Degree or Technical Certification.

HOW DO I APPLY?

**Students apply to MTC
January 3-March 31, 2017**

Step 1: Complete the MTC Application online at www.lcps.org/mtc;

Step 2: Work with your counselor to find a schedule that works for you and allows you to attend MTC on either A or B Days;

Step 3: If applying to a dual enrolled program, apply online to Northern Virginia Community College (NVCC) www.nvcc.edu

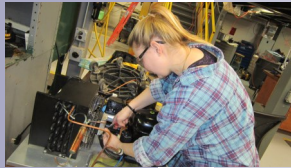
Step 4: Provide evidence of college readiness in Math and English through existing test scores (i.e. PSAT, SAT, SOL, and VPT scores) or arrange to take the Math or English Virginia Placement test through NVCC.

Step 5: Your application is reviewed by a selection committee and you will be notified of your application status in mid-May.

PARTNERSHIPS

Monroe Technology Center has the resources to help you start applying your workplace skills almost immediately in part-time, full-time, internship, and work-study capacity in your desired field. Listed below are just a few of our partners:

- ◆ Caliber Collision
- ◆ Catoctin Family Practice
- ◆ Capital Productions (CPTV)
- ◆ Claude Moore Foundation
- ◆ GAERF (Graphic Arts Education and Research Foundation)
- ◆ Heritage Hall
- ◆ INOVA Health Systems
- ◆ Marion Dupont Equine Center
- ◆ Mercedes Benz
- ◆ M.E. Flow
- ◆ Middleburg Bank
- ◆ Newport News Shipbuilding
- ◆ Northrup Grumman
- ◆ Leesburg Pharmacy
- ◆ Lockheed Martin
- ◆ Loudoun County Fire and Rescue
- ◆ Loudoun County Sheriff's Office
- ◆ Mobile Hope
- ◆ Northern Virginia Community College
- ◆ Raytheon
- ◆ Salon Allure
- ◆ Tuscarora Mill
- ◆ TW Perry
- ◆ Virginia Tech College of Agriculture
- ◆ Winchester Medical Center
- ◆ Winchester Metals



SALARIES:

Monroe offers training in the following careers. Salaries were obtained from Indeed.com and salarygenius.com

- ◆ Forensic Investigator: \$120,765
- ◆ Auto Body Repair Technician: \$118,000
- ◆ Genetic Engineer: \$108,000
- ◆ Construction Manager: \$101,000
- ◆ Aircraft Engine Mechanic: \$74,000
- ◆ Auto Shop Owner: \$133,000
- ◆ Architect: \$204,935
- ◆ CISCO Network Administrator: \$111,000
- ◆ Certified Ethical Hacker: \$179,000
- ◆ Photographer: \$149,000
- ◆ Licensed Cosmetologist: \$89,000
- ◆ Head Chef: \$102,647
- ◆ Flight Paramedic: \$84,170
- ◆ Fire Investigator: \$96,978
- ◆ Nursery/Landscape Manager: \$76,000
- ◆ Webmaster/Designer: \$109,000
- ◆ HVAC Plumbing Service Technician: \$106,000
- ◆ Physician's Assistant: \$133,000
- ◆ Brickmason: \$80,000
- ◆ Registered Nurse: \$86,000
- ◆ XRay Technician: \$98,808
- ◆ Sonographer: \$115,000
- ◆ Digital Media Producer: \$106,127
- ◆ Veterinary Technician: \$60,383
- ◆ Doctor of Veterinary Medicine: \$134,000
- ◆ Welding Inspector: \$91,489
- ◆ Materials Engineer: \$126,000

**We don't just talk about it....
We Do it!**



Monroe Technology Center

715 Childrens Center Road

Leesburg, VA 20175

Phone: 571-252-2080

Fax: 703-771-6563

Website: www.lcps.org/mtc

Twitter: @MonroeTechLCPS

Facebook: Monroe Technology