Monroe Technology Center

The Loudoun Governor's Career & Technical STEM Academy

PROGRAM OFFERINGS

Monroe Technology Center (MTC) is part of Loudoun County Public Schools and is located in Leesburg, Virginia. MTC offers course electives as an instructional extension of all fourteen county high schools.

General Studies: High School Elective Classes

- Auto Collision Repair Technology I & II
- Biotechnology
- Building Construction I & II
- Cosmetology I & II
- Culinary Arts I & II
- Graphic Communications I & II
- HVAC I & II
- Masonry I & II
- Nail Design Technology
- TV Production & Digital Moviemaking I & II
- Veterinary Science
- Welding I & II

The Loudoun Governor's Career & Technical STEM Academy Classes

These courses are designed as a part of the Loudoun Governor's Career & Technical STEM Academy. The course curricula in these programs includes increased academic rigor in STEM (Science, Technology, Engineering, and Math). In addition, some of these courses offer students the opportunity to earn Dual Enrollment credit through Northern Virginia Community College (NVCC). See below for our Dual Enrolled courses.

- Administration of Justice I & II
- Auto Servicing Technology I & II
- Computer & Digital Animation I & II
- Computer Integrated Engineering & Design (CIED)
- Environmental Plant Sciences
- Introduction to Health & Medical Sciences
- Medical Laboratory Technology I & II *
- Pharmacy Technology I & II *
- Practical Nursing I & II *
- Radiology Technology I & II *

** Students (not adults) must pass Introduction to Health & Medical Sciences before applying to any of these programs.*

Dual Enrolled Classes

Students must provide evidence of college readiness in Math and English when applying.

These courses currently offer 11th and 12th grade students the opportunity for dual enrollment which means obtaining college credits through Northern Virginia Community College (NOVA). These courses also receive .5 weighted grading through LCPS. **Students must apply to NOVA, supply evidence of college math readiness, and take the English placement test. Classes are taught at Monroe by an approved NOVA adjunct faculty member**.

- Administration of Justice I & II
- Advanced Networking
- Auto Servicing Technology I
- Computer & Digital Animation I
- Computer Integrated Engineering & Design (CIED)
- Computer System Technology (CST)
- Emergency Medical Technician (EMT)
- Environmental Plant Science
- Firefighter
- Introduction to Health and Medical Science
- Medical Laboratory Technology I
- Radiology Technology I