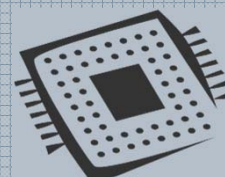
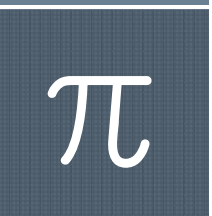
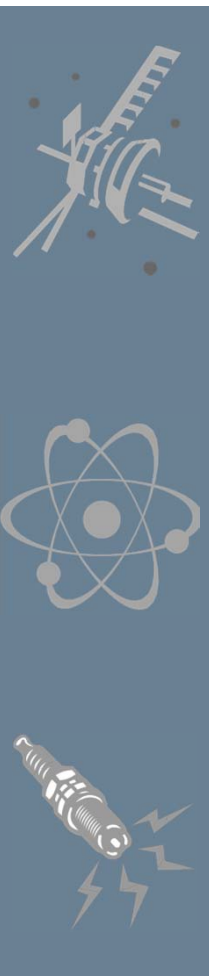




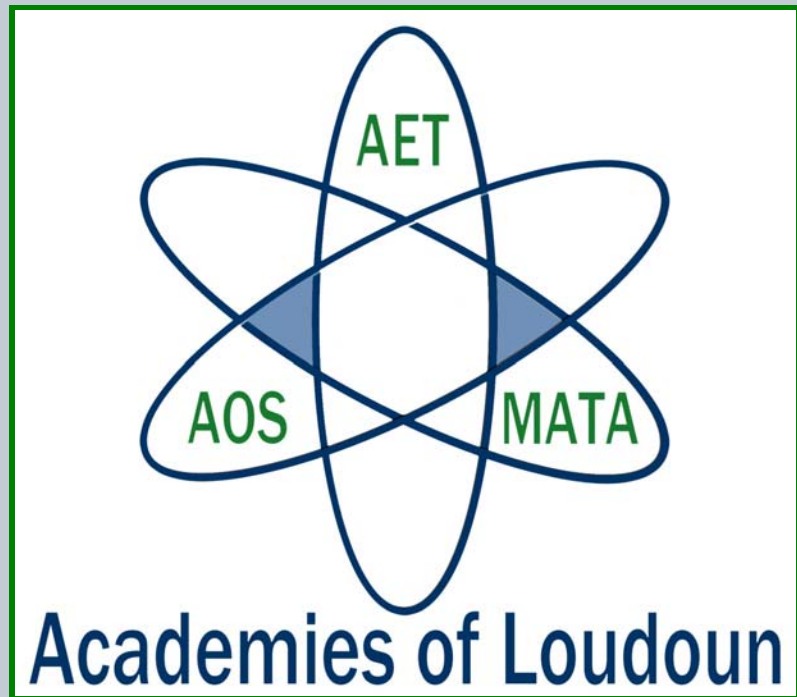
Academies of Loudoun

Creating increased opportunities for
Exploration, Innovation, and Advancement



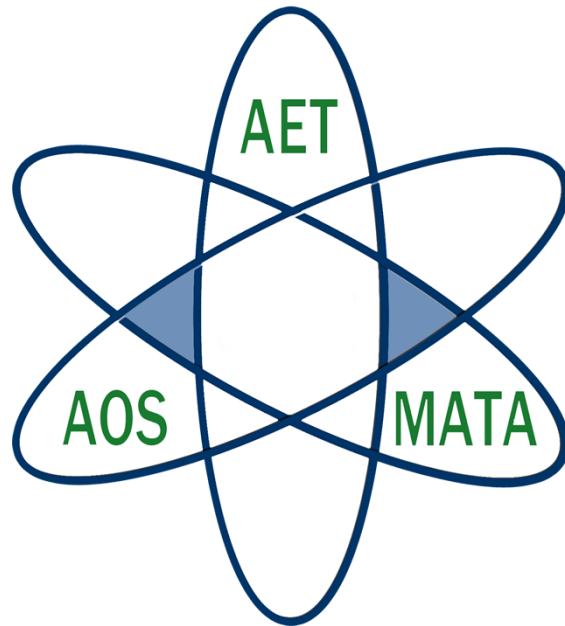
A center for STEM education and career readiness initially housing three distinct but inter-related academies:

1. Academy of Engineering & Technology (AET)
2. Academy of Science (AOS)
3. Monroe Advanced Technical Academy (MATA)



Advanced Coursework and Flexible Course Enrollment

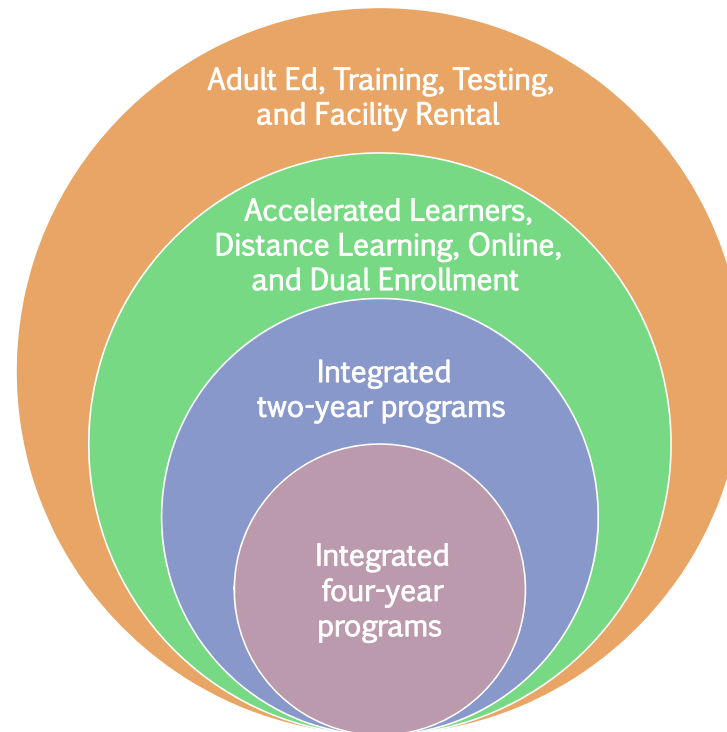
3-D Design and Printing
Advanced Computer Networking
Advanced Geo-Coding
Applied Mathematics
Artificial Intelligence
Auto Servicing Technology
Biotechnology
Building Construction
Computational Physics
Computer Graphics
Cosmetology
Culinary Arts
Cyber and Information Security
Digital Design and Animation
DNA Science
Electrical Engineering
Electrodynamics
Electronics



Energy Systems
Geosystems
Graphic Communication
Masonry
Medical Laboratory Technology
Nanoscience
Nanotechnology
Programming
Optics
Pharmacy Technology
Plant Science
Practical Nursing
Quantum Mechanics
Robotics and Automation
Veterinary Science
Web and Database Design
Welding

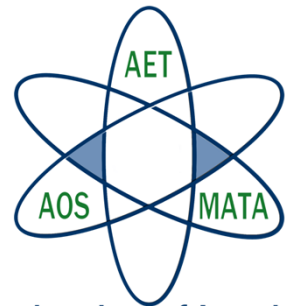
- ✓ Operates during and outside of regular school hours and school year
- ✓ A Day / B Day format
- ✓ Students stay connected with their home school

The Academies of Loudoun Program Models





Pathways



Academies of Loudoun

2 year Associates Degree



4 year Bachelors Degree +



Workforce





Question:

What was the first year this facility was in the CIP?

Answer: FY 2007



Academies of Loudoun Facility

- ✓ Anticipated opening Fall of 2018
- ✓ Facility to be centrally located on county owned property off Sycolin Road between Ashburn and Leesburg
- ✓ New state-of-the-art facility with a daily student capacity between 1,000-1,600 serving 2,000-3,200+ students

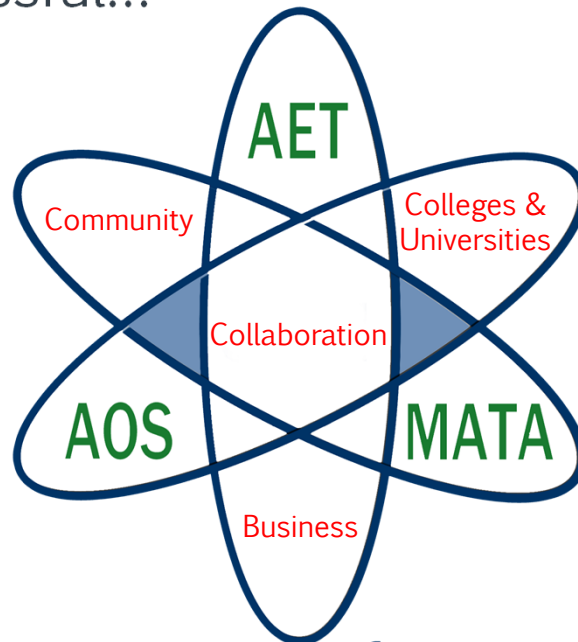


Academies of Loudoun will:

- ✓ Increase the total high school opportunities county wide
- ✓ Collaborate with post-secondary educational institutions and business to ensure curriculum meets future workforce needs
- ✓ Be flexible in both facility and curriculum with an eye on the future



To be successful...



Academies of Loudoun



Questions?