

# Benefits of ATAM

The Cary High School Academy of Technology and Advanced Manufacturing is a career themed school within a school designed to build successful career and college opportunities for students.

Graduates of the academy will:

- ◆ Learn advanced technical and/or manufacturing skills.
- ◆ Learn Advanced communication, teamwork and problem solving skills.
- ◆ Be introduced to a professional work environment.
- ◆ Learn how to build a professional network
- ◆ Have access to well paying in-demand careers after graduation.
- ◆ Have access to internship and apprenticeship programs.
- ◆ Get a head start on college and career
- ◆ Be part of a group of students and teachers that become like family.
- ◆ Be empowered to enter the workforce confident and ready to succeed.



**Successful Futures Made Here!!**

# How to Join

**Only students assigned to Cary High School may apply for entrance into the Academy of Technology and Advanced Manufacturing. Students apply in the spring of their 8th grade year.**

The ATAM Director will hold parent information sessions at CHS as well as at all of the feeder schools for Cary High.

An online application will be posted on the CHS website and made available through the weekly principal's message in the early February timeframe. Students can submit their application information electronically.

The Academy is designed as a four year program therefore, entry must begin at the 9th grade level. Rising 10th graders will be eligible for the inaugural year.

For more information about the ATAM program at Cary High School or to apply:

**Email: [jevans3@wcpss.net](mailto:jevans3@wcpss.net)**

**Phone: 919.460.3549 Ext 21832**

**Fax: 919.670.4289**



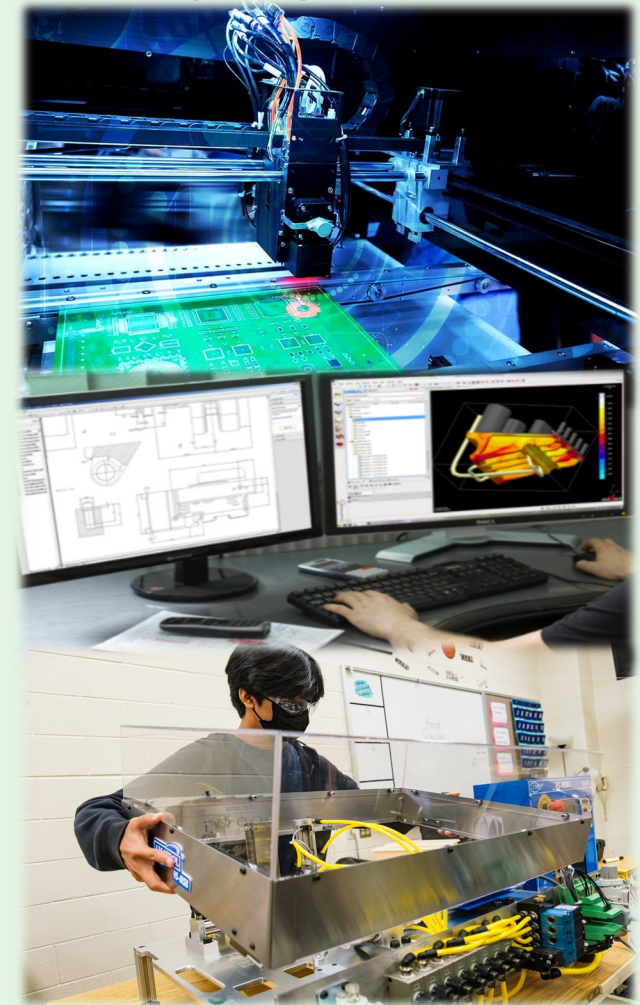
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**Cary High School**





## Cary High ATAM

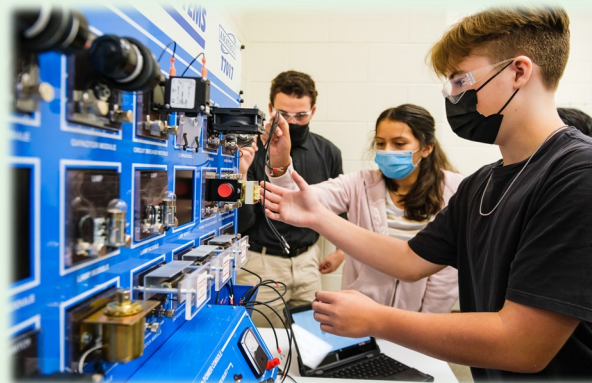
Cary High School Academy of Technology and Advanced Manufacturing (ATAM) is a smaller learning community that is focused on developing skills needed in technology, engineering and advanced manufacturing careers. The skills are aligned with the needs of today's workforce and are integrated into the curriculum. Twenty first century workplace and employability skills are also integrated within the program through a four-year work based learning continuum.

- ◆ Student cohorts take Career and Technical Education and core classes together.
- ◆ The program uses integration of STEM principles, interdisciplinary, and collaborative projects to prepare students.
- ◆ Focus is placed on presentation, communication, teamwork, problem solving, technology and employability skills.
- ◆ The academy acts as a bridge from the school system to the workplace by providing career paths for growth and success
- ◆ Curriculum is enhanced through interaction with the business community. This includes in-school and off-site learning experiences.
- ◆ Academies, educators, and businesses become partners investing in today's youth.



## Academy Focus

- ◆ To introduce students to the many career opportunities in today's growing technology and advanced manufacturing fields.
- ◆ To equip students with the personal, analytical, technical, teamwork, problem solving, communication and employability skills necessary for success in college and career.
- ◆ To provide a fun collaborative learning environment.
- ◆ To provide unique learning experiences to students that provide young people access to industry-specific curricula, work-based learning experiences, and relationships with business professionals.
- ◆ To support student academic success by having students in cohort classes that foster a sense of family and personal worth.



## Why Join ATAM?

- ◆ Experience a learning environment that is collaborative and fun.
- ◆ Be part of a learning community where students have a built in support network.
- ◆ Build stronger relationships with your teachers and the academy director.
- ◆ Learn state of the art technology and manufacturing skills.
- ◆ Earn industry certifications that will boost your earning potential.
- ◆ Access well paying job opportunities upon graduation!!
- ◆ Be more prepared for college.
- ◆ Develop workplace and soft skills training.
- ◆ Experience Job Shadows/Internship/Apprenticeships.
- ◆ Be well prepared for the next steps in your life.
- ◆ Have some fun.

## Proposed ATAM Fieldtrips

- |                         |                             |
|-------------------------|-----------------------------|
| ◆ The NC Zoo            | ◆ Job Shadows               |
| ◆ NCSU Low Ropes        | ◆ Mock Interviews           |
| ◆ UNC High Ropes Course | ◆ Business Immersions       |
| ◆ STEM Days             | ◆ Design Challenges         |
|                         | ◆ Pre-Apprenticeship visits |

