



# APPLIED ENGINEERING TECHNOLOGY



## PROGRAM AT A GLANCE

This program equips students with a comprehensive skill set to apply fundamental engineering principles and leverage state-of-the-art computer technology for addressing diverse technical challenges in advanced manufacturing and various industries. Our curriculum offers an array of courses covering essential areas such as 3D design and drafting, 3D printing, rapid prototyping, computerized (CNC) machining, robotics, and mechatronics. The program's strong industry partnerships provide opportunities for internships, cooperative education, and potential employment prospects.

## WHY CHOOSE THIS PROGRAM

**1. Demand for Skilled Professionals.** By choosing Applied Engineering Technology, students can position themselves for rewarding career opportunities in industries such as manufacturing, construction, telecommunications, automotive, renewable energy, and more. The demand for engineers and technologists is expected to continue to rise, offering stability and job security.

**2. Versatility and Interdisciplinary Skills.** Provides a well-rounded education that covers multiple disciplines within engineering and technology. This interdisciplinary approach equips students with a diverse skill set, allowing them to adapt to different roles and industries.

**3. Hands On Experience and Practical Application.** Prioritize hands-on learning experiences and practical application of knowledge. Students often work with industry-standard equipment, software, and tools, gaining valuable experience in real-world scenarios. Employers highly value graduates with practical experience, making Applied Engineering Technology graduates attractive candidates in the job market.

## WHY MAYLAND

- ✔ **STATE-OF-THE-ART EQUIPMENT**  
 Students gain practical skills and hands-on experience using advanced equipment, enhancing employability and readiness for the industry.
- ✔ **FACULTY WITH INDUSTRY EXPERIENCE**  
 Faculty who bring real-world insights and practical knowledge, enhancing the quality and relevance of the education received.
- ✔ **THIRD-PARTY TECHNICAL CERTIFICATIONS**  
 Expands career opportunities and demonstrates expertise in specific areas.
- ✔ **FINANCIAL AID FOR ELIGIBLE STUDENTS**  
 Helps make the program more affordable and accessible.
- ✔ **LOCAL INDUSTRY COLLABORATION**  
 Resulting in excellent job placement rates for students.
- ✔ **INTERNSHIPS**  
 Gain real-world work experience and establish valuable professional connections, improving job prospects and readiness for the industry.

### DEGREE

- 2-Years
- 28 Courses
- Transfer for Bachelor

### DIPLOMA

- 1 Year
- 17 Courses

### CERTIFICATE

- Two to Three Semesters
- 5-7 Courses

### UPCOMING START DATES

We offer multiple start dates to give you flexibility.

**16 Week Term**  
Begins August 14

**12 Week Term**  
Begins September 12

**1st 8 Week Term**  
Begins August 14

**2nd 8 Week Term**  
Begins October 10

## CAREER OPPORTUNITIES

Job Titles	Projected Growth (NC 2016-26)	Median Wages (NC 2018)
CNC Machine Tool Programmers	+11%	\$26.60 hr
Mechanical Engineering Technician	+3%	\$26.74 hr
Robotics Technician	+3%	\$29.86 hr
Electro-Mechanical Tech	+3%	\$32.71 hr

\*(data from O\*NET Online Retrieved September 2019)

Your Path to Success Begins Here  
Ready to learn more?



828.766.1234



admissions@mayland.edu



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