

# APPLIED ENGINEERING TECHNOLOGY

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A course of study that prepares the students to use basic engineering principles and technical skills to solve technical problems in various types of industry. The course work emphasizes analytical and problem-solving skills. The curriculum includes courses in safety, math, physics, electricity, engineering technology, and technology specific specialty areas.

Graduates should qualify for employment in a wide range of positions in research and development, manufacturing, sales, design, inspection, or maintenance. Employment opportunities exist in automation, biotechnology (<https://nccareers.org/occupation-profile/194021/1284/>), computer, electrical, industrial, or mechanical engineering fields, where graduates will function as engineering technicians.

## Programs

- Advanced Maintenance Certificate (<https://courseleaf.johnstoncc.edu/programs/engineering-technologies/applied-engineering-technology/advanced-maintenance-certificate/>)
- Applied Engineering Technology Degree (<https://courseleaf.johnstoncc.edu/programs/engineering-technologies/applied-engineering-technology/applied-engineering-technology-degree/>)
- Applied Engineering Technology Diploma (<https://courseleaf.johnstoncc.edu/programs/engineering-technologies/applied-engineering-technology/applied-engineering-technology-diploma/>)
- Basic Maintenance Certificate (<https://courseleaf.johnstoncc.edu/programs/engineering-technologies/applied-engineering-technology/basic-maintenance-certificate/>)
- BioBlend Certificate (<https://courseleaf.johnstoncc.edu/programs/engineering-technologies/applied-engineering-technology/bio-blend-certificate/>)
- Fluid Power Certificate (<https://courseleaf.johnstoncc.edu/programs/engineering-technologies/applied-engineering-technology/fluid-power-certificate/>)

Transfer Option