

MECHANICAL ENGINEERING TECHNOLOGY

A course of study that prepares the students to use basic engineering principles and technical skills to design, develop, test, and troubleshoot projects involving mechanical systems. Includes instruction in principles of mechanics, applications to specific engineering systems, design testing procedures, prototype and operational testing and inspection procedures, manufacturing system-testing procedures, test equipment operation and maintenance, computer applications, critical thinking, planning and problem solving, and oral and written communications. Graduates of the curriculum will find employment opportunities in the manufacturing or service sectors of engineering technology. Engineering technicians may obtain professional certification by application to organizations such as ASQC, SME, and NICET.

Programs

- Mechanical Design & 3D Printing Certificate (<https://courseleaf.johnstoncc.edu/programs/engineering-technologies/mechanical-engineering-technology/mechanical-design-3d-printing-certificate/>)
- Mechanical Design Certificate (<https://courseleaf.johnstoncc.edu/programs/engineering-technologies/mechanical-engineering-technology/mechanical-design-certificate/>)
- Mechanical Engineering Technology Degree (<https://courseleaf.johnstoncc.edu/programs/engineering-technologies/mechanical-engineering-technology-degree/>)

Transfer Option