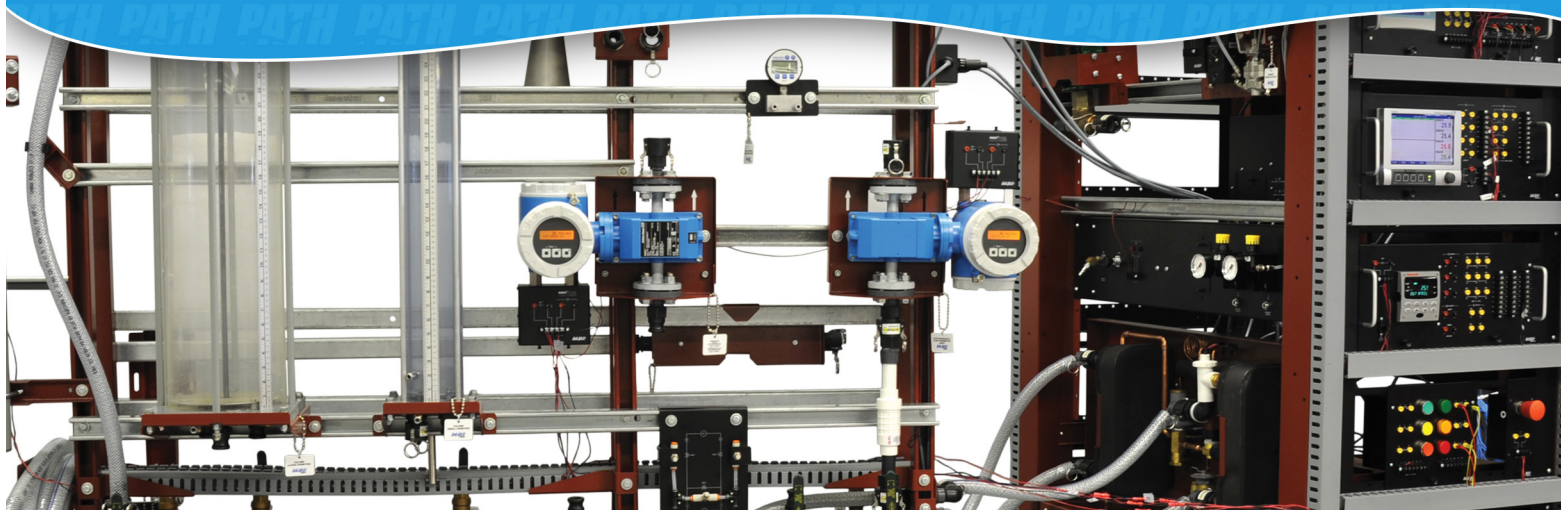


PURSUE A CAREER IN **INSTRUMENTATION TECHNICIAN**

Northampton Community College
northampton.edu



A NEW & IMPROVED TECHNOLOGY-ENHANCED CERTIFICATE

The Instrumentation Technician Certificate is a mid-level program option for students who fit between the entry-level, credit Machinery Repair specialized diploma and NCC's 2-year Electromechanical Automated Systems AAS degree, which provides a pathway to employment or entrance to the two-year degree program. The certificate may be completed in as few as three semesters.

Technical Trades are in the Top 10 Jobs in the Lehigh Valley, according to Career Link Lehigh Valley. Technical Trades includes machinists, industrial maintenance technicians, quality technicians, and instrumentation technicians.

STUDENT LEARNING OUTCOMES

Graduates of the program will

- Describe the operation and application of commonly used types of automated technology used in modern manufacturing and processing
- Describe the principles and function of a wide variety of process automation equipment and instrumentation
- Demonstrate a basic framework of technical vocabulary and graphics interpretation applicable to equipment installation, maintenance and design
- Demonstrate the proper use of common mechanical tools and measuring gages used in automated systems
- Demonstrate the use of safety standards in servicing, installing and maintaining automated system components and systems

TRANSFER POSSIBILITIES

Students wishing to pursue an advanced degree beyond NCC's Electromechanical Automated Systems AAS can apply 61 of the 63 credits toward one of three Bachelor of Science degrees:

- Bachelor of Applied Science in Technology Management through Bloomsburg University (all Bloomsburg courses can be taken at NCC)
- Applied Management through Franklin University
- Industrial Management through California University of Pennsylvania

ENDORSED BY LOCAL INDUSTRY

Instrument techs work in a wide variety of industries, including (but not limited to) food processing, chemical, biotechnology, water waste treatment, cement, and other industries requiring the monitoring of flow, pressure, level and temperature.

Local industry employers include:

- FreshPet
- Air Products
- Sam Adams
- Nestle Purina
- B.Braun Medical
- Straight Arrow
- Sanofi Pasteur

FOR MORE INFORMATION, CONTACT:

John G. (Skip) Todora
jtodora@northampton.edu
(610) 861-5319



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Pennsylvania's Advanced Training & Hiring