

# INDUSTRIAL TECHNOLOGY (CERTIFICATE)

## CAREER PATHS

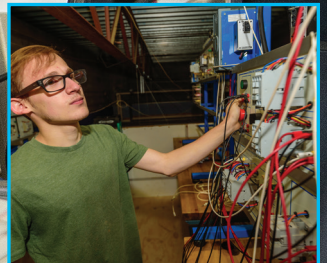
INDUSTRIAL MACHINERY MECHANIC  
INDUSTRIAL MAINTENANCE TECHNICIAN

## SALARY

\$61,170\*  
MEDIAN ANNUAL INCOME

## JOB GROWTH

2022-2032: 13%\*



SCAN FOR YOUR FUTURE

# INDUSTRIAL TECHNOLOGY (CERTIFICATE)



## PROGRAM OBJECTIVE

Johnson College's one-year academic certificate Industrial Technology program prepares graduates as industrial maintenance technicians who keep machines in working order by detecting and correcting errors before the machine or the products it produces are damaged. After diagnosing a problem, the industrial machinery mechanic may take the equipment apart to repair or replace the necessary parts. Once a repair is made, industrial mechanics test a machine to ensure that it is operating correctly.

## READY. SET. WORK.

**Goal 1:** Graduates will acquire the skills necessary to obtain an entry-level position in Industrial Electronic Maintenance.

**Goal 2:** Graduates will demonstrate professional behavior and ethics in order to meet the challenges of work within their field.

**Goal 3:** Graduates will acquire critical thinking and decision-making skills.

Applicants are encouraged to arrange a campus visit and a personal information session with a Recruitment Advisor. Appointments may also be made to meet with appropriate faculty and current students.

## CAREER OPPORTUNITIES

Graduates will gain the skills needed to work in machine shops, fabrication shops and distribution warehouses.



**SCRANTON CAMPUS**  
3427 NORTH MAIN AVENUE  
SCRANTON, PA 18508

**HAZLETON CAMPUS**  
370 MAPLEWOOD DRIVE  
HAZLE TOWNSHIP, PA 18202

Courses are subject to change. Please check johnson.edu for up-to-date course info.

[Johnson.edu](http://Johnson.edu)

## PROGRAM COURSES

CREDITS

### SEMESTER 1

Fundamentals of Electricity	2
Fundamentals of Electricity Lab	2
Transportation Safety & Forklift	1
Programmable Logic Controllers I	2
Programmable Logic Controllers I Lab	2
Blueprint / Schematic Reading	3
Technical Math	3
First-Year Experience	1

### SEMESTER 2

English Composition I or Industry Communication	3
Motors and Controls	2
Motors and Controls Lab	4
Sensors and Systems in Automation	2
Sensors and Systems in Automation Lab	1
Industrial Maintenance and Mechanics	2
Industrial Maintenance and Mechanics Lab	1
Applied Industrial Technology	2
Applied Industrial Technology Lab	1

**MINIMUM CREDITS TO GRADUATE 34**

This semester layout is based off of a fall start. Students who start in the spring will be required to attend an additional semester to complete their degree.

There may be special admission requirements for this program. Please speak with a Recruitment Advisor by calling **570-702-8856** or visit our website [johnson.edu](http://johnson.edu) to review our requirements.