



# CAREER & TECHNICAL EDUCATION AREA



# IVY TECH INDUSTRIAL TECHNOLOGY

## PROGRAM DISCRIPTION

Ivy Tech's INDT program provides high quality training and instruction which allows for the development of skills in the area of Industrial Technology. From welding classes, electrical classes, to learning about fluid power systems, the hands-on objectives in this program produces graduates qualified to enter the workforce. Ivy Tech uses current and emerging technologies for training purposes. Our business and industrial partners help develop the curriculum to meet the demands of the ever-changing work environment.

## OVERVIEW

The Industrial Technology (INDT) program at Ivy Tech offers hands-on learning coupled with interactive training using state of the art equipment and the latest technologies. Classes are taught by knowledgeable faculty who have experience and knowledge in world-class manufacturing and who are motivated to ensure that the Ivy Tech student experience is the very best.

Students have the opportunity to diversify their educational experiences and skill sets through a variety of course offerings all under one roof at the school of technology. In addition, our technical math and communication courses were developed especially for technical students; no more theory based courses with limited applications to the trades and industry.

Ivy Tech works with many business and industrial partners to offer students work-based learning and internship experiences. Course scheduling is designed to accommodate working students with flexibility for day or night classes. Students earn "stackable" degrees as they progress through the coursework, with multiple opportunities to earn industry recognized certifications which are embedded into the classes.

## OUR GRADUATES:

Graduates of the INDT program have multiple opportunities for entering directly into a career, making a career change or for hastening career advancement. Some of our students choose transfer to four-year institutions. Possible careers for graduates include Maintenance technicians, electricians, PLC programmers, welders and fabricators, and production/quality managers.

## DOE CODES:

- 7108 Principles of Advanced Manufacturing
- 7103 Advanced Manufacturing Technology
- 7104 Industrial Maintenance Fundamentals
- 7261 Industrial Maintenance Capstone

## ADDITIONAL INFO

**GRADE LEVEL:** 11TH OR 12TH

**LENGTH OF PROGRAM:** 1 OR 2 YEARS - 1/2 DAY

**HS CREDITS PER SEMESTER:** 3

**HS CREDITS PER YEAR:** 6

**PROGRAM WEBSITE:** [IVYTECH.EDU](http://IVYTECH.EDU)

## COURSE INFO



### FALL SEMESTER COURSES:

#### INDT 113 - Basic Electricity

(3 Cr Hrs) M/W 1:00pm-4:50pm (1st 8 weeks)

#### ADMF 122 - Automation Mechatronics -Electrical

(3 Cr Hrs) M/W 1:00pm-4:50pm (2nd 8 weeks)



### SPRING SEMESTER COURSES:

#### INDT 104 - Fluid Power Basics

(3 Cr Hrs) T/TH 1:00pm-4:50pm (1st 8 weeks)

#### ADMF 222 - Automation Mechatronics - Pressurized Systems

(3 Cr Hrs) T/TH 1:00pm-4:50pm (2nd 8 weeks)



### FEES:

#### Course Fees:

INDT113 - \$135 Supplies, consumables, eLearning

ADMF122 - \$135 Supplies, consumables, eLearning

INDT104 - \$135 Supplies, eLearning

ADMF222 - \$135 Supplies, consumables, eLearning

Ivy Tech Technology Fees\*: \$60 per semester

Tuition: Twin Rivers pays ALL CTE course tuition. Student pays for fees and books.

## PROGRAM CHAIR: MOLLY JOSEPH

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\*FEES ARE APPROXIMATE AND COULD VARY FROM YEAR TO YEAR.