



Industrial Automation and Machine Maintenance

Academic Year 2023 - 2024

Program Description

The Industrial Automation and Machine Maintenance (IND) program provides solid foundational knowledge and skills necessary to analyze, troubleshoot, and align mechanical and automated industrial machinery. Program course work includes electronics, industrial wiring, motor controls, programmable logic controls (PLC's), instrumentation, industrial fluid power, manufacturing automation, and robotics.

Gainful Employment: [Placement & Wage Data | WSU Tech](#)



How do I enroll in IND classes at WSU Tech?

- 1.) Apply for admission at www.wsutech.edu/apply
- 2.) Talk to an admissions counselor
- 3.) Complete the free application for federal student aid (FAFSA)
FAFSA® Application | [Federal Student Aid](#)
- 4.) Talk to an advisor
- 5.) Submit official high school transcript and turn in other financial aid forms

Where is the IND program?

Building A
City Center Campus
301 S Grove
Wichita, KS 67210

Who can help me apply and give me a tour?

Admissions Counselor:
Thalia Sanchez
316-677-9460
tsanchez@wsutech.edu

Who can enroll me in IND classes?

Program Advisor:
Dajina Kiel
316-677-1093
dkiel@wsutech.edu

We want to meet YOU!

Schedule to talk with Ashley or Dajina at <https://wsutech.edu/admissions/contact/>

Type of Degree/Certificate TC – Technical Certificate AAS – Associates Degree	Day/ Evening	Length Based on Average Rate of Completion	Hours *	Cost † Tuition Only	Financial Aid Eligible
TC – Industrial Automation	Daytime only	AAS 2 years	Two days per week 7:30 AM – 4:00 PM	\$11,781	Yes
AAS– Industrial Automation				\$13,557	Yes

* Class schedules and availability are subject to change. † Costs are approximate and subject to change. Costs include tuition and Lab/ITL fees (registration fees and digital device not included in amount). For the latest information, please visit:

<https://wsutech.edu/industrial-automation-machine-maintenance/>



This program is accredited by HLC and Kansas Board of Regents.

More information at: <http://wsutech.edu/get-started/>



Frequently Asked Questions

Q. What wage can someone expect to make in this industry?

- A. According to the Bureau of Labor Statistics (2022); the national average wage for an [Industrial Machinery Mechanic](#) is \$60,990 annually or \$29.32 hourly. Kansas average wage is around \$59,830 annually or \$28.76 hourly. Average starting wage for entry-level positions in Kansas companies is \$57,410 annually or \$27.60 hourly.

Q. What are the employment opportunities for graduates from WSU Tech's IND program?

- A. Employers frequently contact WSU Tech seeking our graduates. Graduates with the best chance of immediate employment typically have a strong mechanical aptitude, a valid driver's license, and no felony convictions.

Q. When can I start the Industrial Automation (IND) Program?

- A. The IND program offers starting points in fall and spring semesters (August and January). Currently, we do not offer any evening IND classes.

Q. Are there opportunities for internships/apprenticeships?

- A. Yes! In fact, many of our students are apprentices at various local companies. Because so many of our students are working as interns/apprentices, we have scheduled our class times to better accommodate industry work schedules. The IND program is specifically formatted to be an "earn-and-learn" opportunity for students and companies alike.



Q. How much math and science will I take in this program?

- A. Both the technical certificate (TC) and the Associate's (AAS) degree require successful completion of MTH 101 Intermediate Algebra. Because a certain amount of formula manipulation occurs in beginning IND coursework, you need to complete the EdReady General Math Placement before starting classes so that you and your advisor can prepare the study plan for you. You should complete MTH 101 no later than your second semester of study.

Q. Why does this program take 2 years to complete regardless of whether I go for a TC or and AAS? Shouldn't the TC take less time?

- A. Remember, this program is set up to be an earn and learn opportunity. That means your IND classes will meet only two days per week to ensure you have the rest of the week to work. Since your IND technical training is identical regardless of whether you seek a TC or an AAS degree, it will take four 16-week semesters to complete the program.

Q. Where will my classes be held?

Questions for an Instructor?
Ralph Hudgens: rhudgens@wsutech.edu

- A. IND classes are held in Building D at the City Center campus at 301 S. Grove. Students are not required to purchase textbooks. IND students utilize training labs and online learning throughout the program. General Education courses like MTH 101 are located at the WSU South campus.