

Industrial Machine/Maintenance Technology (formerly Advanced Systems Tech) Cert C

CIP: 47.0303

2025-2026

High School Estimated Cost Sheet

Course ID	Course Title	Credit Hours	Technical (T) or General (G)	Tuition	Materials & Technology Fee	Funded by Excel in CTE	Certifications (Course Fees) *	Non-Consumable Fees (Program Fees) **	Student Out of Pocket Responsibility
1st Semester (Fall)									
IND104	AC/DC Circuits ^{ab}	4	T	\$ 632.00	\$ 108.00	\$ (740.00)		\$ 3.00	\$ 3.00
IND105	OSHA – 10 Hr Gen Ind Cert ^{ab}	1	T	\$ 158.00	\$ 27.00	\$ (185.00)	\$ 32.00		\$ 32.00
IND118	Industrial Fluid Power ^{ab}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
IND152	Electrical Control Systems I ^{ab}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
MAT102	Tech Math II ^{ab}	3	G	\$ 474.00	\$ 81.00				\$ 555.00
2nd Semester (Spring)									
IND119	Advanced Fluid Power ^{ac}	2	T	\$ 316.00	\$ 54.00	\$ (370.00)			\$ -
IND127	Mechanical Systems ^{ac}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
IND147	Mechanical Systems Reliability ^{ac}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
IND204	Electrical Control Systems II ^{ac}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
GEN102	Workplace Skills ^{ac}	2	G	\$ 316.00	\$ 54.00				\$ 370.00
3rd Semester (Fall)									
IND213	Advanced ECS ^{ab}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
IND217	Programmable Logic Controllers ^{ab}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
IND247	Industrial Process Control ^{ab}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
IND248	Programmable Logic Controllers II ^{ab}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
4th Semester (Fall)									
IND150	Industrial Pumps ^{ac}	2	T	\$ 316.00	\$ 54.00	\$ (370.00)			\$ -
IND223	Commercial and Industrial Wiring ^{ac}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
IND252	Industrial Robotics ^{ac}	3	T	\$ 474.00	\$ 81.00	\$ (555.00)			\$ -
IND256	Robotics II ^{ac}	4	T	\$ 632.00	\$ 108.00	\$ (740.00)		\$ 50.00	\$ 50.00
Total Credit Hours		51		Savings to High School Students: \$ 8,510.00					

**5 Work Shirts & 2 Pair Safety Glasses

\$65.00

^aGrade of "C" or higher is required

Estimated Tuition and Fees:

\$ 1,010.00

* OSHA 10 Certification Fee

\$32.00

^b Offered in Fall semester only

Estimated Cost for Textbooks:

\$ 84.00

** Student Project Kits

\$50.00

^c Offered in Spring semester only

Estimated Cost for Tools:

\$ -

^d Course can also fulfill a general education requirement; discuss with advisor

Total Estimated Out of Pocket:

\$ 1,094.00

TEXTBOOKS ESTIMATE FOR THIS PROGRAM:

Students will be provided a list of required textbooks needed for their program.

Students can purchase their textbooks from Washburn Tech Bookstore or from any vendor of choice.

Estimated Cost for Textbooks: \$84.00

TOOLS ESTIMATE FOR THIS PROGRAM:

Lists of required tools are available on a separate sheet; students may purchase their tools from the vendor of their choice.

Not all tools may be needed the first semester. Please check with your instructor prior to purchasing tools.

Estimated Cost for Tools: \$0.00