

Advanced Systems Technology

CIP: 47.0303

2023-2024

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 *	Non-Consumable Fees **	Student Out of Pocket Responsibility
1st Semester									
IND104	Basic Electricity	3	T	\$ 456.00	\$ 81.00	\$ (537.00)		\$ 65.00	\$ 65.00
IND152	Electrical Control Systems I	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
IND204	Electrical Control Systems II	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
MAT102	Tech Math II	3	G	\$ 456.00	\$ 81.00				\$ 537.00
2nd Semester									
IND127	Mechanical Systems	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
IND213	Advanced ECS (or IND144 Basic Electricity II)	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
IND147	Mechanical Systems Reliability	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
IND146	Industrial Welding Basics	3	T	\$ 456.00	\$ 81.00	\$ (537.00)		\$ 225.00	\$ 225.00
3rd Semester									
IND116	Lathe/Mill/Grind for I.M.	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
IND112	Fluid Power I	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
IND223	Commercial and Industrial Wiring	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
IND207	Fluid Power II	2	T	\$ 304.00	\$ 54.00	\$ (358.00)			\$ -
IND105	OSHA - 10 Hr Gen Ind Cert	1	T	\$ 152.00	\$ 27.00	\$ (179.00)	\$ 32.00		\$ 32.00
4th Semester									
IND247	Industrial Process Control	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
IND217	Industrial Programmable Logic Controllers	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
IND252	Robotics I	3	T	\$ 456.00	\$ 81.00	\$ (537.00)			\$ -
IND256	Robotics II	3	T	\$ 456.00	\$ 81.00	\$ (537.00)		\$ 50.00	\$ 50.00
Total Credit Hours		48		Savings to High School Students: \$ 8,055.00					

** 5 Work shirts and 2 pairs of safety glasses	\$65.00
** Welding PPE	\$225.00
* OSHA 10 Certification Fee	\$32.00
** Student Project Kits	\$50.00

Estimated Tuition and Fees:	\$ 909.00
Estimated Cost for Textbooks:	\$ 1,091.00
Estimated Cost for Tools:	\$ 400.00

Total Estimated Out of Pocket: \$ 2,400.00

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: \$1,091.00

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: \$400.00