



# Ogden-Weber Technical College

200 N. Washington Blvd, Ogden, UT 84404

801-627-8300

<b>2023 Industrial Automation</b>			
<b>All Materials</b>		<b>New</b>	<b>Used</b>
Total Estimated Unique Books and Materials Cost		\$1,619.14	\$1,400.79**

<b>Program Materials</b>				
		<b>Required</b>	<b>New</b>	<b>Used</b>
Center Supply	Pen	X	\$2.00	--
General Supply	Flash Cards	X	\$1.65	--
General Supply	Notebook	X	\$3.50	--
Online Software	Amatrol - GIVEN IN CLASS BY INSTRUCTOR	X	\$0.00	--
Subtotal of required materials:			\$7.15	\$7.15**

<b>Course Materials</b>				
<i>CADT2110 3D Parametric Solid Modeling</i>		<b>Required</b>	<b>New</b>	<b>Used</b>
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--
Subtotal of required materials:			\$0.00	\$0.00**

<i>CADT2130 Manufacturing Processes</i>		<b>Required</b>	<b>New</b>	<b>Used</b>
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--
Subtotal of required materials:			\$0.00	\$0.00**

<i>ELTT1046 Electrical Equipment Basics for IAM/Welding</i>		<b>Required</b>	<b>New</b>	<b>Used</b>
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--
Subtotal of required materials:			\$0.00	\$0.00**

<i>IAMT1035 Automation Maintenance Basics and Lean Manufacturing</i>		<b>Required</b>	<b>New</b>	<b>Used</b>
E- Book	Elementary Technical Mathematics eBook	X	\$92.35	--
Subtotal of required materials:			\$92.35	\$92.35**

<i>IAMT1065 Industrial Mechanics</i>		<b>Required</b>	<b>New</b>	<b>Used</b>
Online Software	Amatrol - GIVEN IN CLASS BY INSTRUCTOR	X	\$0.00	--

Subtotal of required materials: \$0.00 \$0.00\*\*

<i>IAMT1075 Fluid Power</i>		Required	New	Used
NO MATERIAL REQUIRED	NO MATERIAL REQUIRED	X	\$0.00	--
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials: \$0.00 \$0.00\*\*

<i>IAMT1085 Electrical Systems for Industrial Automation</i>		Required	New	Used
E- Book	Elementary Technical Mathematics eBook	X	\$92.35	--
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials: \$92.35 \$92.35\*\*

<i>IAMT1110 Electrical Motor Controls</i>		Required	New	Used
NO MATERIAL REQUIRED	NO MATERIAL REQUIRED	X	\$0.00	--
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials: \$0.00 \$0.00\*\*

<i>IAMT1120 Vision Systems</i>		Required	New	Used
NO MATERIAL REQUIRED	NO MATERIAL REQUIRED	X	\$0.00	--

Subtotal of required materials: \$0.00 \$0.00\*\*

<i>IAMT1135 Programmable Logic Controllers I</i>		Required	New	Used
NO MATERIAL REQUIRED	NO MATERIAL REQUIRED	X	\$0.00	--
Textbook	Max Rabiee Programmable Logic Controllers. 3rd. Goodheart Wilcox, ISBN: 978-1-60525-945-1	X	\$130.15	\$97.60

Subtotal of required materials: \$130.15 \$97.60\*\*

<i>IAMT1140 Industrial Automation Troubleshooting &amp; Workplace Skills</i>		Required	New	Used
Textbook	Cengage Cengage Unlimited Access Code ISBN: 978035770051	X	\$179.99	--
Textbook	Charles R Miller Ugly's Electrical References 2020. 6th edition. Jones & Bartlett, ISBN: 9781284194531	X	\$35.95	--

Subtotal of required materials: \$215.94 \$215.94\*\*

<i>IAMT1310 Allen-Bradley Programmable Logic Controllers II</i>		Required	New	Used
NO MATERIAL REQUIRED	NO MATERIAL REQUIRED	X	\$0.00	--

Textbook	Max Rabiee Programmable Logic Controllers Hardware and Programming, 4th. Goodheart Wilcox, ISBN: 978-1-63126-932-5	X	\$136.55	\$102.40
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Subtotal of required materials:      \$136.55      \$102.40\*\*

<i>IAMT1320 Allen-Bradley Programmable Logic Controllers III</i>		Required	New	Used
E- Book	eBook option available - See College Store	X	\$0.00	--
Textbook	Max Rabiee Programmable Logic Controllers Hardware and Programming, 4th. Goodheart Wilcox, ISBN: 978-1-63126-932-5	X	\$136.55	\$102.40

Subtotal of required materials:      \$136.55      \$102.40\*\*

<i>IAMT1340 Instrumentation Process Control</i>		Required	New	Used
Online Software	Amatrol - GIVEN IN CLASS BY INSTRUCTOR	X	\$0.00	--
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials:      \$0.00      \$0.00\*\*

<i>IAMT1350 Instrumentation Pressure Control</i>		Required	New	Used
Online Software	Amatrol - GIVEN IN CLASS BY INSTRUCTOR	X	\$0.00	--
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials:      \$0.00      \$0.00\*\*

<i>IAMT1360 Instrumentation Thermal Control</i>		Required	New	Used
Online Software	Amatrol - GIVEN IN CLASS BY INSTRUCTOR	X	\$0.00	--
Textbook	Glen A. Mazur Electrical Systems for Facilities Maintenance Personnel ATP, ISBN: 978-0-8269-1594-8	X	\$83.00	\$62.25
Textbook	Charles R Miller Ugly's Electrical References 2020. 6th edition. Jones & Bartlett, ISBN: 9781284194531	X	\$35.95	--

Subtotal of required materials:      \$118.95      \$98.20\*\*

<i>IAMT1385 Advanced Electrical Systems</i>		Required	New	Used
Tools	Fluke 117 Digital Multimeter	X	\$299.10	--
E- Book	Ugly's eBook option availalble - see College Store	X	\$0.00	--
Textbook	Stephen L. Herman The Complete Laboratory Manual for Electricity. 3rd. Cengage, ISBN: 978-1-4283-2430-5	X	\$130.00	\$97.50
Textbook	Glen A. Mazur Electrical Systems for Facilities Maintenance Personnel ATP, ISBN: 978-0-8269-1594-8	X	\$83.00	\$62.25
Textbook	Ugly's Ugly's Electrical References 2017 Jones & Bartlett, 2017. ISBN: 978-1-284-11936-7	X	\$26.60	\$19.95

Subtotal of required materials:      \$538.70      \$478.80\*\*

<i>IAMT1395 Advanced Motor Controls</i>		Required	New	Used
Online Software	Amatrol - GIVEN IN CLASS BY INSTRUCTOR	X	\$0.00	--
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials: \$0.00 \$0.00\*\*

<i>IAMT1430 Robotics</i>		Required	New	Used
New Textbook	FANUC America Corp. Handling Tool Operations & Programming Student Manual	X	\$133.35	--

Subtotal of required materials: \$133.35 \$133.35\*\*

<i>IAMT1450 Siemens Programmable Logic Controllers II</i>		Required	New	Used
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials: \$0.00 \$0.00\*\*

<i>IAMT1460 Siemens Programmable Logic Controllers III</i>		Required	New	Used
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials: \$0.00 \$0.00\*\*

<i>IAMT1470 Mechatronics</i>		Required	New	Used
Online Software	Amatrol - GIVEN IN CLASS BY INSTRUCTOR	X	\$0.00	--
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials: \$0.00 \$0.00\*\*

<i>IAMT1490 Advanced Fluid Power</i>		Required	New	Used
Online Software	Amatrol - GIVEN IN CLASS BY INSTRUCTOR	X	\$0.00	--
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials: \$0.00 \$0.00\*\*

<i>IAMT2910 Automation Final Project</i>		Required	New	Used
NO MATERIAL REQUIRED	NO MATERIAL REQUIRED	X	\$0.00	--
Textbook	N/A NO BOOK REQUIRED ISBN: 0000000000000	X	\$0.00	--

Subtotal of required materials: \$0.00 \$0.00\*\*

<i>WELD1025 GMAW Welding I</i>		Required	New	Used
Textbook	Bennett, Siy Blueprint Reading for Welders ISBN: 978-1-4283-3528-5	X	\$165.00	\$123.25

Textbook	Larry Jeffus Welding Principles and Applications ISBN: 978-1-111-03917-8	X	\$199.95	\$149.95
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Subtotal of required materials:      \$364.95    \$273.20\*\*

**\*\* The subtotal of "used" required materials will include the new cost when a used option is not available**

**Prices are subject to change**