



Ogden-Weber Technical College

200 N. Washington Blvd, Ogden, UT 84404

801-627-8300

2023 Machinist			
All Materials		New	Used
Total Estimated Unique Books and Materials Cost		\$1,312.99	\$1,227.69**

Course Materials				
MACH1000 Manufacturing Fundamentals		Required	New	Used
Online Software	1 Yr. Tooling U Subscription	X	\$290.15	--
E- Book	Machine Tool Practices LIFETIME ACCESS	X	\$64.99	--
Curriculum	Manufacturing Fundamentals	X	\$4.00	--
E- Book	Print Reading for Machinist eBook	X	\$78.50	--
Subtotal of required materials:			\$437.64	\$437.64**

MACH1010 Lathe Concepts				
		Required	New	Used
Tools	No. 4 Center Drill	X	\$17.70	--
Tools	6" Dial Caliper OR 6" Digital Caliper	X	\$65.55	--
Tools	6" Steel Ruler	X	\$10.80	--
Tools	(2) 3/8" HSS Square Tool Bit	X	\$14.20	--
Tools	Safety Glasses Clear	X	\$7.50	--
Online Software	1 Yr. Tooling U Subscription	X	\$290.15	--
General Supply	Scientific Calculator	X	\$22.00	--
General Supply	Mechanical Pencil	X	\$2.30	--
General Supply	Headphones	X	\$6.50	--
Tools	5/8 Diameter 82 Degree Countersink	X	\$64.30	--
Center Supply	Pen	X	\$2.00	--
E- Book	Machine Tool Practices LIFETIME ACCESS	X	\$64.99	--
Tools	1" Dial Test Indicator w/base	X	\$75.80	--
Subtotal of required materials:			\$643.79	\$643.79**

MACH1020 Mill Concepts				
		Required	New	Used
Tools	Roto Burr Tool	X	\$8.20	--
Tools	1 7/8 Universal Test Indicator	X	\$132.50	--

Tools	.030 Dial Test Indicator w/.005" Graduations	X	\$155.50	--
Tools	No. 4 Center Drill	X	\$17.70	--
Tools	6" Dial Caliper OR 6" Digital Caliper	X	\$65.55	--
Tools	Edge Finder	X	\$45.70	--
Tools	6" Steel Ruler	X	\$10.80	--
Tools	1/2" Single End Mill	X	\$42.05	--
Tools	Safety Glasses Clear	X	\$7.50	--
Online Software	1 Yr. Tooling U Subscription	X	\$290.15	--
General Supply	Mechanical Pencil	X	\$2.30	--
General Supply	Headphones	X	\$6.50	--
Tools	5/8 Diameter 82 Degree Countersink	X	\$64.30	--
Center Supply	Pen	X	\$2.00	--
E- Book	Machine Tool Practices LIFETIME ACCESS	X	\$64.99	--
Curriculum	Mill Concepts	X	\$5.95	--

Subtotal of required materials: \$921.69 \$921.69**

<i>MACH1030 Geometric Dimensioning and Tolerancing</i>		Required	New	Used
Online Software	1 Yr. Tooling U Subscription	X	\$290.15	--
General Supply	Scientific Calculator	X	\$22.00	--
General Supply	Mechanical Pencil	X	\$2.30	--
General Supply	Headphones	X	\$6.50	--
New Textbook	The Ultimate GD&T Pocket Guide	X	\$22.70	--
Center Supply	Pen	X	\$2.00	--

Subtotal of required materials: \$345.65 \$345.65**

<i>MACH1050 CNC Mill Programming Theory</i>		Required	New	Used
Tools	1 7/8 Universal Test Indicator	X	\$132.50	--
Tools	.030 Dial Test Indicator w/.005" Graduations	X	\$155.50	--
Tools	No. 4 Center Drill	X	\$17.70	--
Tools	6" Dial Caliper OR 6" Digital Caliper	X	\$65.55	--
Tools	6" Steel Ruler	X	\$10.80	--
Tools	1/2" Single End Mill	X	\$42.05	--
Tools	Safety Glasses Clear	X	\$7.50	--
Online Software	1 Yr. Tooling U Subscription	X	\$290.15	--

General Supply	Mechanical Pencil	X	\$2.30	--
Tools	Wax Block 6 x 6 x 3	X	\$38.40	--
Tools	5/8 Diameter 82 Degree Countersink	X	\$64.30	--
E- Book	Machine Tool Practices LIFETIME ACCESS	X	\$64.99	--
Tools	Flash Drive	X	\$12.50	--
Curriculum	CNC Mill Programming Theory	X	\$4.00	--
Textbook	Peter Smid CNC Programming Handbook. 3rd. Industrial Press, ISBN: 978-083113347-4	X	\$85.30	\$0.00

Subtotal of required materials: \$993.54 \$908.24**

<i>MACH1060 CNC Lathe Programming Theory</i>		Required	New	Used
Tools	No. 4 Center Drill	X	\$17.70	--
Tools	6" Dial Caliper OR 6" Digital Caliper	X	\$65.55	--
Tools	6" Steel Ruler	X	\$10.80	--
Online Software	1 Yr. Tooling U Subscription	X	\$290.15	--
General Supply	Scientific Calculator	X	\$22.00	--
General Supply	Mechanical Pencil	X	\$2.30	--
General Supply	Headphones	X	\$6.50	--
Tools	5/8 Diameter 82 Degree Countersink	X	\$64.30	--
Center Supply	Pen	X	\$2.00	--
E- Book	Machine Tool Practices LIFETIME ACCESS	X	\$64.99	--
Tools	Flash Drive	X	\$12.50	--
Curriculum	CNC Lathe Programming Theory	X	\$2.45	--
Textbook	Peter Smid CNC Programming Handbook. 3rd. Industrial Press, ISBN: 978-083113347-4	X	\$85.30	\$0.00

Subtotal of required materials: \$646.54 \$561.24**

<i>MACH1150 CNC Mill Programming Setup and Operation</i>		Required	New	Used
Tools	1 7/8 Universal Test Indicator	X	\$132.50	--
Tools	.030 Dial Test Indicator w/.005" Graduations	X	\$155.50	--
Tools	No. 4 Center Drill	X	\$17.70	--
Tools	6" Dial Caliper OR 6" Digital Caliper	X	\$65.55	--
Tools	6" Steel Ruler	X	\$10.80	--
Tools	1/2" Single End Mill	X	\$42.05	--
Tools	Safety Glasses Clear	X	\$7.50	--
Online Software	1 Yr. Tooling U Subscription	X	\$290.15	--

General Supply	Scientific Calculator	X	\$22.00	--
General Supply	Mechanical Pencil	X	\$2.30	--
Tools	Wax Block 6 x 6 x 3	X	\$38.40	--
Tools	5/8 Diameter 82 Degree Countersink	X	\$64.30	--
Center Supply	Pen	X	\$2.00	--
Tools	MasterCam Software - PROVIDED IN CLASS	X	\$0.00	--
Tools	Flash Drive	X	\$12.50	--
Textbook	Peter Smid CNC Programming Handbook. 3rd. Industrial Press, ISBN: 978-083113347-4	X	\$85.30	\$0.00
Textbook	Mariana Lendel MasterCam X6 Training Tutorials-Mill Level 1 - PROVIDED IN CLASS / TOOL CRIB In-House Solutions, ISBN: 978-1-926955-26-1	X	\$0.00	--

Subtotal of required materials: \$948.55 \$863.25**

<i>MACH1160 CNC Lathe Programming Setup and Operation</i>		Required	New	Used
Tools	No. 4 Center Drill	X	\$17.70	--
Tools	6" Dial Caliper OR 6" Digital Caliper	X	\$65.55	--
Tools	6" Steel Ruler	X	\$10.80	--
Online Software	1 Yr. Tooling U Subscription	X	\$290.15	--
General Supply	Mechanical Pencil	X	\$2.30	--
Tools	(4) 2" Wax Cylinder	X	\$22.00	--
General Supply	Headphones	X	\$6.50	--
Tools	5/8 Diameter 82 Degree Countersink	X	\$64.30	--
Center Supply	Pen	X	\$2.00	--
Tools	MasterCam Software - PROVIDED IN CLASS	X	\$0.00	--
E- Book	Machine Tool Practices LIFETIME ACCESS	X	\$64.99	--
Tools	Flash Drive	X	\$12.50	--
Curriculum	CNC Lathe Programming Theory	X	\$2.45	--
Tools	(2) 1" Wax Cylinder	X	\$7.70	--
Textbook	Peter Smid CNC Programming Handbook. 3rd. Industrial Press, ISBN: 978-083113347-4	X	\$85.30	\$0.00
Textbook	Mariana Lendel MasterCam X6 Training Tutorials-Lathe - PROVIDED IN CLASS / TOOL CRIB In-House Solutions, ISBN: 978-1-926955-24-7	X	\$0.00	--

Subtotal of required materials: \$654.24 \$568.94**

<i>MACH1170 Multiaxis Setup and Operation</i>		Required	New	Used
Tools	No. 4 Center Drill	X	\$17.70	--
Tools	6" Dial Caliper OR 6" Digital Caliper	X	\$65.55	--

Tools	6" Steel Ruler	X	\$10.80	--
Online Software	1 Yr. Tooling U Subscription	X	\$290.15	--
General Supply	Scientific Calculator	X	\$22.00	--
General Supply	Mechanical Pencil	X	\$2.30	--
General Supply	Headphones	X	\$6.50	--
Tools	5/8 Diameter 82 Degree Countersink	X	\$64.30	--
Center Supply	Pen	X	\$2.00	--
E- Book	Machine Tool Practices LIFETIME ACCESS	X	\$64.99	--
Tools	Flash Drive	X	\$12.50	--
Curriculum	Multiaxis Setup & Operation	X	\$1.75	--
Textbook	Peter Smid CNC Programming Handbook. 3rd. Industrial Press, ISBN: 978-083113347-4	X	\$85.30	\$0.00

Subtotal of required materials: \$645.84 \$560.54**

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

Prices are subject to change