



Davis Applied Technology College

A UCAT Campus
 550 E 300 S, Kaysville 84037
 Phone: 593-2500



2012 Machine Tool Technology

Catalog Year: 2012

The Program Materials listed below show general resources that you will need to purchase for this program. It is recommended that you wait to purchase these materials until you have received a Program Orientation (this document explains when you need the materials). You should also wait until you begin each course to purchase Course Materials. DATC instructors update curriculum throughout the year and materials and pricing may change without notice. Some textbooks, materials and supplies may be used for multiple courses and are required unless otherwise noted.

Program Materials	Optional	New	Used
No Materials Required			
Course Materials	Optional	New	Used
<i>DRFT 1045: Blueprint Reading</i>			
Curriculum: DRFT 1045 Blueprint Reading		\$0.30	
Textbook: Olivo, Thomas P. and C. Thomas Olivo. Basic Blueprint Reading and Sketching. 9th ed. Delmar Cengage Learning, 2011. ISBN 13: 978-1-4354-8378-1.		\$117.35	\$84.50
Material: Paper		\$2.99	
Material: Pencil		\$0.20	
<i>DRFT 1055: Blueprint Reading for Machinists</i>			
Curriculum: DRFT 1055 Blueprint Reading for Machinists		\$0.25	
Textbook: Olivo, Thomas P. and C. Thomas Olivo. Basic Blueprint Reading and Sketching. 9th ed. Delmar Cengage Learning, 2011. ISBN 13: 978-1-4354-8378-1.		\$117.35	\$84.50
<i>MACH 2020: Bridgeport EZ-PATH Lathe Programming</i>			
Curriculum: MACH 2020 Bridgeport EZ-PATH Lathe Programming		\$0.30	
<i>MACH 2010: Bridgeport EZ-TRAK Mill Programming</i>			
Curriculum: MACH 2010 Bridgeport EZ TRAK Mill Programming		\$0.65	
<i>MACH 2540: CAD/CAM Advanced</i>			
Curriculum: MACH 2540 CAD/CAM Advanced		\$0.30	
<i>MACH 1080: CAD/CAM Beginning</i>			
Curriculum: MACH 1080 CAD/CAM Beginning		\$0.30	
Material: Software: Surfcam	X		
<i>MACH 2520: CAD/CAM Intermediate</i>			
Curriculum: MACH 2520 CAD/CAM Intermediate		\$0.35	
Material: Software: Surfcam	X		
<i>MACH 2880: CNC Machining Projects</i>			
Curriculum: MACH 2880 CNC Machining Projects		\$0.35	
<i>MACH 1070: CNC Operations</i>			

Curriculum: MACH 1070 CNC Operations		\$0.80	
<i>MACH 2420: CNC Program Applications</i>			
Curriculum: MACH 2420 CNC Program Applications		\$0.30	
Textbook: Smid, Peter. CNC Programming Hand Book. Industrial Press, 2007. ISBN: 0-8311-3347-3		\$80.95	\$58.30
<i>MACH 2640: Coordinate Measuring Machine I</i>			
Curriculum: MACH 2640 Coordinate Measuring Machine I		\$0.30	
<i>MACH 2040: Electrical Discharge Machine</i>			
Curriculum: MACH 2040 Electrical Discharge Machine		\$0.40	
Textbook: Guitrau, E. Bud. The EDM Handbook. Gardner Publications. ISBN: 1-5699-0242-9	X	\$80.95	\$58.30
<i>MACH 1060: Geometric Dimensioning and Tolerancing I</i>			
Curriculum: MACH 1060 Geometric Dimensioning and Tolerancing I		\$0.25	
Textbook: Madsen, David. A. Geometric Dimensioning and Tolerancing, 7th ed. Goodheart-Willcox Co., 2003 ISBN: 1-5663-7977-6		\$57.00	\$41.05
<i>MACH 2100: Geometric Dimensioning and Tolerancing II (GD&TII)</i>			
Curriculum: MACH 2100 Geometric Dimensioning and Tolerancing II (GD&TII)		\$0.25	
Textbook: Madsen, David. A. Geometric Dimensioning and Tolerancing, 7th ed. Goodheart-Willcox Co., 2003 ISBN: 1-5663-7977-6		\$57.00	\$41.05
<i>MACH 2015: Introduction to Manual CNC Programming</i>			
Curriculum: MACH 2015 Introduction to CNC Programming		\$0.30	
Textbook: Smid, Peter. CNC Programming Hand Book. Industrial Press, 2007. ISBN: 0-8311-3347-3		\$80.95	\$58.30
<i>WYSK 1500: Job Seeking Skills</i>			
Curriculum: WYSK 1500 Job Seeking Skills		\$0.00	
Textbook: Hanna, Sharon L., Doug Radtke and Rose Suggett. Career by Design: Communicating Your Way to Success. 4th ed. Prentice Hall, 2008. ISBN: 0-1323-3090-3		\$57.60	\$41.50
<i>MACH 1010: Lathe Operations I</i>			
Curriculum: MACH 1010 Lathe Operations I		\$0.40	
Textbook: Smith, Robert D. and John C. Peterson. Mathematics for Machine Technology, 6th ed. Delmar Cengage Learning, 2009.		\$88.47	
<i>MACH 2025: Lathe Operations II</i>			
Curriculum: MACH 2025 Lathe Operations II		\$0.30	
<i>MACH 1045: Machining Introduction</i>			
Curriculum: MACH 1045 Machining Introduction		\$0.50	
Textbook: Smith, Robert D. Machinist Math I Cengage Delmar Learning, 2003 ISBN: 1-1117-5077-7		\$21.00	
<i>MACH 1025: Machinist Math I</i>			
Curriculum: MACH 1025 Machinist Math I		\$0.25	
Textbook: Smith, Robert D. Machinist Math I Cengage Delmar Learning, 2003 ISBN: 1-1117-5077-7		\$21.00	
<i>MACH 1040: Machinist Math II</i>			
Curriculum: MACH 1040 Machinist Math II		\$3.25	
Textbook: Smith, Robert D. and John C. Peterson, J. Mathematics for Machine Technology. Delmar Cengage Learning, 2009 ISBN: 1-1116-3378-9		\$48.00	\$34.60

<i>MACH 2005: Manual CNC Programming</i>			
Curriculum: MACH 2005 CNC Programming		\$0.35	
Textbook: Smid, Peter. CNC Programming Hand Book. Industrial Press, 2007. ISBN: 0-8311-3347-3		\$80.95	\$58.30
<i>MACH 2600: Mazatrol Programming</i>			
Curriculum: MACH 2600 Mazatrol Programming		\$0.35	
<i>BTEC 1121: Operating System Fundamentals Vista</i>			
Curriculum: BTEC 1121 Operating Systems Fundamentals Vista		\$0.30	
Material: USB Backup Media (2 GB Minimum)		\$9.99	
<i>MACH 2060: Optical Comparator</i>			
Curriculum: MACH 2060 Optical Comparitor		\$0.30	
<i>MACH 2905: Practical Applications</i>			
Curriculum: MACH 2905 Practical Applications		\$0.25	
<i>MACH 2030: Precision Machining - Surface Grinder</i>			
Curriculum: MACH 2030 Surface Grinding		\$0.40	
<i>MACH 2050: Precision Machining Projects</i>			
Curriculum: MACH 2050 Precision Machining Projects		\$0.30	
<i>MACH 2055: Shop Floor Inspector</i>			
Curriculum: MACH 2055 Shop Floor Inspector		\$0.30	
Material: Center Drill (#4)		\$1.29	
Material: Countersink Tool (3/4" 82-Keo brand)		\$19.99	
Material: Dial Calipers (6" .001 graduation, .100 dial, stainless steel construction)		\$24.99	
Material: Edge Finder		\$133.00	\$95.80
Material: End Mill (2 Flute 3/8" Diameter)		\$8.19	
Material: Rout-a-Burr Tool		\$10.29	
Material: Safety Glasses		\$2.99	
Material: Scientific Calculator		\$20.00	
Material: Steel Rule - 6" (1/32")		\$14.99	
Material: Steel Rule - 6" (1/64")		\$14.99	
<i>MACH 2840: Statistical Process Control (SPC)</i>			
Curriculum: MACH 2840 Statistical Process Control (SPC)		\$0.30	
Textbook: Madsen, David. A. Geometric Dimensioning and Tolerancing, 7th ed. Goodheart-Willcox Co., 2003 ISBN: 1-5663-7977-6		\$57.00	\$41.05
<i>MACH 2080: Surface Plate Inspection Techniques</i>			
Curriculum: MACH 2080 Surface Plate Inspection Techniques		\$0.35	
Textbook: Madsen, David. A. Geometric Dimensioning and Tolerancing, 7th ed. Goodheart-Willcox Co., 2003 ISBN: 1-5663-7977-6		\$57.00	\$41.05
Textbook: Olivo, Thomas P. and C. Thomas Olivo. Basic Blueprint Reading and Sketching. 8th ed. Delmar Cengage Learning, 2005. ISBN: 1-4018-4878-8		\$117.35	\$84.50
<i>MACH 1020: Vertical Mill Operations I</i>			

Curriculum: MACH 1020 Vertical Mill Operations I		\$0.40	
<i>MACH 2035: Vertical Mill Operations II</i>			
Curriculum: MACH 2035 Vertical Mill II		\$0.35	
<i>WKSJ 1400: Workplace Relations</i>			
Textbook: Hanna, Sharon L., Doug Radtke and Rose Suggett. Career by Design: Communicating Your Way to Success. 4th ed. Prentice Hall, 2008. ISBN: 0-1323-3090-3		\$57.60	\$41.50
Textbook: WKSJ 1400 Workplace Relations		\$0.00	