



Davis Applied Technology College

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



2012 Welding 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>WELD 1250: ARC Cutting Processes-Carbon Air Arc/Plasma Arc Cutting</i>			
Curriculum: WELD 1250 ARC Cutting Processes-Carbon Air Arc (CAC)/Plasma Arc Cutting (PAC)		\$0.50	
Textbook: Jeffus, Larry. Welding: Principles and Applications . 6th ed. Delmar Cengage Learning, 2007. ISBN: 1-4180-5275-2		\$146.00	\$105.15
<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 1810: Blueprint Reading for Welders</i>			
Curriculum: DRFT 1810 Blueprint Reading for Welders			
<i>WELD 1120: Communications and Work Assignments</i>			
Other: No Information Available			
<i>WELD 1415: Flux-cored Arc Welding I (Gas Shielded)</i>			
Curriculum: WELD 1415 Flux-Cored Arc Welding I (Gas Shielded)		\$1.05	
Textbook: Jeffus, Larry. Welding: Principles and Applications . 6th ed. Delmar Cengage Learning, 2007. ISBN: 1-4180-5275-2		\$146.00	\$105.15
<i>WELD 1510: Flux-cored Arc Welding II (Self Shielded)</i>			
Curriculum: WELD 1510 Flux-cored Arc Welding II		\$0.25	
Textbook: Jeffus, Larry. Welding: Principles and Applications. 7th ed. Delmar Cengage Learning, 2011 ISBN: 1-1110-3917-8		\$146.00	\$105.15
<i>WELD 2450: Gas Metal Arc Welding Aluminum</i>			
Other: No Information Available			
<i>WELD 1315: Gas Metal Arc Welding I</i>			
Curriculum: WELD 1315 Gas Metal Arc Welding I		\$1.05	

Textbook: Jeffus, Larry. Welding: Principles and Applications . 6th ed. Delmar Cengage Learning, 2007. ISBN: 1-4180-5275-2		\$146.00	\$105.15
<i>WELD 1410: Gas Metal Arc Welding II</i>			
Textbook: Jeffus, Larry. Welding: Principles and Applications. 7th ed. Delmar Cengage Learning, 2011 ISBN: 1-1110-3917-8		\$146.00	\$105.15
Textbook: WELD 1410 Gas Metal Arc Welding II		\$0.25	
<i>WELD 1601: Gas Tungsten Arc Welding I (Mild Steel)</i>			
Curriculum: WELD 1601 Gas Tungsten Arc Welding I (Mild Steel)		\$0.20	
Textbook: Jeffus, Larry. Welding: Principles and Applications. 7th ed. Delmar Cengage Learning, 2011 ISBN: 1-1110-3917-8		\$146.00	\$105.15
<i>WELD 1610: Gas Tungsten Arc Welding II (Aluminum)</i>			
Curriculum: WELD 1610 Gas Tungsten Arc Welding II (Aluminum)		\$0.20	
Textbook: Jeffus, Larry. Welding: Principles and Applications. 7th ed. Delmar Cengage Learning, 2011 ISBN: 1-1110-3917-8		\$146.00	\$105.15
<i>WELD 1620: Gas Tungsten Arc Welding III (Stainless Steel)</i>			
Curriculum: WELD 1620 Gas Tungsten Arc Welding III (Stainless Steel)		\$0.20	
Textbook: Jeffus, Larry. Welding: Principles and Applications. 7th ed. Delmar Cengage Learning, 2011 ISBN: 1-1110-3917-8		\$146.00	\$105.15
<i>WVSK 1500: Job Seeking Skills</i>			
Curriculum: WVSK 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 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>WELD 2400: Ornamental Iron</i>			
Other: No Information Available			
<i>WELD 1200: Oxy-fuel Gas Welding</i>			
Other: No Information Available			
<i>WELD 2305: Pipe Welding</i>			
Other: No Information Available			
<i>WELD 2210: Resistance Spot Welding</i>			
Other: No Information Available			
<i>WELD 1255: Shielded Metal Arc Welding I</i>			
Curriculum: WELD 1255 Shielded Metal Arc Welding I		\$1.15	
Textbook: Jeffus, Larry. Welding: Principles and Applications . 6th ed. Delmar Cengage Learning, 2007. ISBN: 1-4180-5275-2		\$146.00	\$105.15
<i>WELD 1310: Shielded Metal Arc Welding II</i>			
Curriculum: WELD 1310 Shielded Metal Arc Welding II		\$0.20	

Textbook: Jeffus, Larry. Welding: Principles and Applications. 7th ed. Delmar Cengage Learning, 2011 ISBN: 1-1110-3917-8		\$146.00	\$105.15
<i>WELD 2800: Submerged Arc Welding</i>			
Other: No Information Available			
<i>DRFT 1005: Technical Drafting</i>			
Curriculum: DRFT 1005 Technical Drafting		\$0.30	
Textbook: Giesecke, Frederick E.; Hill, Ivan L.; Spencer, Henry C.; Mitchell, Alva E.; Dygdon, John Thomas; Novak, James E.; Lockhart, Shawna; and Goodman, Marla. Technical Drawing with Engineering Graphics. 14th ed. Prentice Hall. 2011 ISBN: 0-1350-9049-0		\$139.55	\$100.50
Material: Binder: 3-Ring Binder, 2" Thick		\$8.00	\$23.30
Material: USB Drive		\$9.99	
<i>MACH 1020: Vertical Mill Operations I</i>			
Curriculum: MACH 1020 Vertical Mill Operations I		\$0.40	
<i>WELD 1700: Welding Inspection and Testing</i>			
Curriculum: WELD 1700 Welding Inspection and Testing		\$0.20	
Textbook: Jeffus, Larry. Welding: Principles and Applications. 7th ed. Delmar Cengage Learning, 2011 ISBN: 1-1110-3917-8		\$146.00	\$105.15
<i>WELD 1000: Welding Math</i>			
Curriculum: WELD 1000 Welding Math		\$2.30	
Textbook: Chasan, Robert. Practical Problems in Mathematics for Welders, 6th ed. Delmar Cengage Learning, 2011. ISBN: 1-1113-1359-8		\$65.35	\$47.05
Material: Calculator		\$4.00	
<i>WELD 1140: Welding Metallurgy Basics</i>			
Curriculum: WELD 1140 Welding Metallurgy Basics		\$0.20	
Textbook: Jeffus, Larry. Welding: Principles and Applications. 7th ed. Delmar Cengage Learning, 2011 ISBN: 1-1110-3917-8		\$146.00	\$105.15
<i>WELD 1010: Welding Safety</i>			
Curriculum: WELD 1010 Welding Safety		\$0.20	
Textbook: Jeffus, Larry. Welding: Principles and Applications . 6th ed. Delmar Cengage Learning, 2007. ISBN: 1-4180-5275-2		\$146.00	\$105.15
<i>WELD 2925: Welding Special Projects - Gas Metal Arc Welding</i>			
Other: No Information Available			
<i>WELD 2935: Welding Special Projects - Gas Tungsten Arc Welding</i>			
Other: No Information Available			
<i>WELD 2915: Welding Special Projects - Shielded Metal Arc Welding</i>			
Other: No Information Available			
<i>WKSK 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: WKSK 1400 Workplace Relations		\$0.00	