



Davis Applied Technology College

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



2012 Energy Technician

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>COMP 2000: Alternative Composite Processes</i>			
Curriculum: COMP 2000 Alternative Composite Processes		\$1.11	
<i>ETEC 1710: Alternative Energy</i>			
Curriculum: ETEC 1710 Alternative Energy		\$0.60	
Textbook: Martin, George F. Greentech Energy Efficiency and Renewable Energy Training Lab. Graymark International, 2009-2010 ISBN: 0-9840-5430-8	X	\$35.10	
<i>ETEC 1715: Alternative Energy Final Project</i>			
Curriculum: ETEC 1715 Alternative Energy		\$0.20	
Material: Aluminum Frame, Glass and Resin for Panel		\$20.00	
Material: Electrical Wire and Junction Box	X	\$95.00	
Material: Solar Cells: 36		\$36.00	
Material: Tabbing Wire and Solder	X	\$35.00	
<i>ETEC 1146: American Heart Association Heartsaver CPR</i>			
Curriculum: ETEC 1146 American Heart Association Heart Saver CPR		\$0.15	
<i>ETEC 1000: Applied Industrial Math</i>			
Curriculum: ETEC 1000 Applied Industrial Math		\$0.20	
Textbook: Applied Industrial Math. McGraw-Hill ISBN: 1-1211-3590-0		\$28.00	\$20.20
<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 1805: Blueprint Reading for Composite Materials Technology</i>			
Other: No Information Available			

COMP 1000: Composite Basics			
Curriculum: COMP 1000 Composite Basics		\$2.51	
COMP 1900: Composite Part Testing			
Curriculum: COMP 1900 Composite Part Testing		\$0.91	
COMP 1500: Composite Repair			
Curriculum: COMP 1500 Composite Repair		\$1.16	
BTEC 1105: Computer Concepts			
Curriculum: BTEC 1105 Computer Concepts		\$0.55	
Textbook: Murphy, J. Welcome to Microsoft Office 2007. Labyrinth Learning, 2008. ISBN: B-0010-NIMB-6		\$30.30	\$21.85
Textbook: Stolins, Russel, Greg P. Marshall II, Dan Marshall-Campbell and Jill Murphy. Welcome to the World of Computers. 3rd ed. Labyrinth Learning. ISBN: 1-5913-6332-2		\$31.60	\$22.75
Material: USB Backup Media (2 GB Minimum)		\$9.99	
ETEC 1720: Conducting an Energy Audit			
Curriculum: ETEC 1720 Conducting an Energy Audit		\$0.40	
Textbook: Energy Auditing for Industrial Facilities, 2011 American Technical Publishers, 2011. ISBN: 0-8269-1521-3	X	\$31.00	\$22.35
ETEC 1600: Construction Procedures			
Other: No Information Available			
Textbook: Proctor, Thomas E., and Leonard P. Toenjes. Printreading for Residential and Light Commercial Construction. 5th. Orland Park, IL: American Technical Publishers, Inc., 2010. ISBN: 0-8269-0468-8		\$63.00	\$45.40
COMP 1400: Core Materials			
Curriculum: COMP 1400 Core Materials		\$0.76	
ETEC 1620: Electrical Systems			
Textbook: Callanan, Michael I., and Bill Wusinich. Electrical Systems Based on the 2011 NEC. American Technical Publishers, 2011.		\$83.00	\$59.80
Material: Binder: 3-Ring Binder, 2" Thick		\$8.00	\$23.30
ETEC 1630: Electrical Wiring Basics			
Curriculum: ETEC 1630 Electrical Wiring Basics		\$0.30	
ETEC 1700: Energy Efficiency			
Curriculum: ETEC 1700 Energy Efficiency		\$0.30	
Textbook: Mclean-Conner, Penni. Energy Efficiency Principles and Practices. PennWell Corp., 2009. ISBN: 1-5937-0178-0		\$74.65	\$53.75
ETEC 1010: Energy Essentials			
Curriculum: ETEC 1010 Energy Essentials		\$1.10	
Textbook: Warmke, Jay and Annie. Green Technologies, Energy Auditing Certification Guide, 2010 Educational Technologies Group, 2010. ISBN: 1-5812-2125-1		\$107.70	\$77.55
COMP 2800: Externship or Special Project			
Curriculum: COMP 2800 Externship or Special Projects		\$0.58	
IAMT 1100: Industrial Safety and Workplace Relations			
Curriculum: IAMT 1100 Industrial Safety		\$0.30	
COMP 1100: Mold Preparation			

Curriculum: COMP 1100 Mold Preparation		\$0.81	
<i>COMP 1200: Non-Vacuum and Vacuum Bag Part Fabrication</i>			
Curriculum: COMP 1200 Non-Vacuum and Vacuum Bag Part Fabrication		\$1.61	
Textbook: Aird, Forbes. Fiberglass and Other Composite Materials. 1st ed. HP Trade, 2006. ISBN: 1-5578-8498-6		\$18.60	\$13.40
Textbook: Foreman, Cindy. Advanced Composites. Jeppesen Sanderson, 2002. ISBN: 0-8848-7316-1		\$42.95	\$30.95
Textbook: Marshall, Andrew C. Composite Basics. 7th ed. T C Pr, 2005. ISBN: 0-9664-5404-9		\$34.85	\$25.10
<i>ETEC 1015: OSHA General Industrial Safety (10 hours)</i>			
Curriculum: ETEC 1015 OSHA General Industrial Safety		\$0.15	
Material: Career Safe Online Voucher		\$18.00	
Material: USB Drive		\$9.99	
<i>ETEC 1640: Photovoltaic Systems</i>			
Curriculum: ETEC 1640 Photovoltaic Systems		\$0.50	
Textbook: Dunlop, James P. Photovoltaic Systems. 2nd ed. American Technical Publishers, 2010. ISBN: 0-8269-1308-3		\$91.00	\$65.55
<i>COMP 1300: Prepreg Material Laminations</i>			
Curriculum: COMP 1300 Prepreg Material Laminations		\$0.81	
<i>ETEC 1610: Sustainable Conservation</i>			
Curriculum: ETEC 1610 Sustainable Construction		\$0.45	
Textbook: Brooks, Charles J., and Whitney G. Freeman. Sustainable Conservation: Green Power Technologies. 1st. LaVergne, TN: Educational Technologies Group, 2010. ISBN: 1-5812-2127-4			
<i>BTEC 1580: Technical Writing Introduction</i>			
Curriculum: BTEC 1580 Technical Writing Introduction		\$0.35	
Textbook: Pfeiffer, William S. and Kaye E. Adkins. Technical Communication Fundamentals. Prentice Hall, 2011 ISBN: 0-1323-7457-9			\$52.50
Material: USB Drive		\$9.99	