

Tennessee College of Applied Technology - Shelbyville 1405 Madison Street Shelbyville, TN 37160 (931) 685-5013 phone (931) 685-5016 fax www.tcatshelbyville.edu

Welding – Full Time Franklin County Campus Estimated Student Expense

Tuition – Maintenance, Technology, and Student Activity Fees (\$1,487 x 3 trimesters)		\$4,461.00
Estimated Books and Supplies and Tools Expense		\$1,160.78
Estimated Welding Supply Fee (\$100 x 3 trimesters)		\$300.00
Estimated Tool Expense		\$567.83
Total Estimated Program Expense		\$6,489.61
First Trimester Expense		
Tuition – Maintenance, Technology, and Student Activity Fees		\$1,487.00
Welding Supply Fee		\$100.00
Books and Supplies	ISBN	Estimated Cost
Welding Skills Textbook, 5 th edition	9780826930842	\$168.00
Welding Skills Workbook, 5 th edition workbook	9780826930859	\$63.00
Practical Problems in Mathematics for Welders 6 th	9781111313593	\$115.00
Welder Calculator for SMAW, GMAW, GTAW	043125	\$23.00
Print Reading for Welders 5 th Edition	9780826930712	\$115.00
Welding Helmet – 2"x4" Flip Shield Helmet (Miller Classic Auto Dark this is required for all students)		\$170.86
Calculator (TI 30xIIS)		\$24.00
Safety Glasses		\$7.00
1 - 4.5" Grinder		131.32
10 – Cutting Wheels		\$36.90
10 – 1/8" Wheels		\$30.70
10 – ¼" Wheels		\$36.40
10 – Tiger Paws 60 Grit / Flap Disks		\$52.60
2 – wire wheels to fit 4.5 grinder		\$25.00
Steel Toe Work Boots (price is for a basic, regular size pair of boots, prices may vary)		\$162.00
Estimated 1 st Trimester books and supplies		\$1,160.78
Required Tools		Estimated cost
Pocket Level		\$15.00
Welding Jacket (with leather sleeves for stick welding)		\$56.85
Welding Gloves (4 sets)		\$50.24
TIG Gloves (1 set)		\$31.42
Welding Hat		\$13.53
Combination Square		\$20.00
30' metal tape measure		\$35.00
12" adjustable wrench		\$25.00
2 - Wire Welding Brush (1 big and 1 small)		\$16.64
Clear grinding shield		\$23.55
Chipping Hammer		\$14.77

1 pair MIG pliers	\$15.81
12" channel locks	\$26.46
Burning glasses or cutting shield (#3-5 shade)	\$15.60
Striker	\$6.85
11" Vice grip (locking "C" clamp	\$35.00
Ear Plugs (50)	\$24.33
1 – Half round file bastard cut 10"	\$46.00
1 – Round File Bastard Cut 10"	\$25.00
1 pair lineman pliers or side cutters	\$39.86
1 box defog lens cleaner for safety glasses and helmet lens	\$17.55
Soap stone with holder	\$13.43
Total Estimated Tool Cost	\$567.83
Second Trimester Expense	
Tuition – Maintenance, Technology, and Student Activity Fees	\$1,487.00
Welding Supply Fee	\$100.00
Third Trimester Expense	
Tuition – Maintenance, Technology, and Student Activity Fees	\$1,487.00
Welding Supply Fee	\$100.00

Please Note: Prices effective September 02, 2025. All prices are subject to change without notice. Tuition usually increases in September of each year.