

Tennessee College of Applied Technology - Memphis

2024-2025

MECHATRONICS

20 MONTHS

Program by Term	Itemized Term	Term Total
First Trimester		
Trimester Fee	\$ 1,357.00	
Technology Access Fee	\$ 73.00	
Student Activity Fee	\$ 10.00	
		\$ 1,440.00
BOOKLIST		
Industrial Mechanics Textbook 4ed ATP	\$ 360.00	
Industrial Maintenance & Mechatronics TB led	\$ 400.00	
Core Curriculum Trainee Guide + Access Card Bundle 5 th ed	\$ 83.00	
SUPPLIES – ESTIMATED COST		\$ 843.00
Welding Gloves, Safety Glasses, Calculator		
Tools-Estimated Cost		\$ 216.00
Wire Strippers, Needle Nose Pliers, Flat Head Screw Drive, Precision Screwdriver, #2 Phillips Head		
TOTAL ESTIMATED FIRST TRIMESTER COST		\$ 2,499.00
SECOND Trimester		
FEES		
Trimester Fee	\$ 1,357.00	
Technology Access Fee	\$ 73.00	
Student Activity Fee	\$ 10.00	
SUBTOTAL		\$ 1,440.00
Books		
Introduction to PLC TB	\$ 141.00	
Introduction to PLC Manual w/CD	\$ 78.25	
Electric Motor Controls TB 5 ed	\$ 168.00	
Electric Motor Controls WB 5 ed	\$ 43.75	
Electrical Principles and Practices Textbook	\$ 124.00	
Electrical Principles and Practices Workbook	\$ 53.00	
Fluid Power System 2ed	\$ 158.00	
		\$ 766.00
TOTAL ESTIMATED SECOND TRIMESTER COST		\$ 2,206.00
THIRD TRIMESTER		
FEES		

Trimester Fee	\$ 1,357.00	
Technology Access Fee	\$ 73.00	
Student Activity Fee	\$ 10.00	
SUBTOTAL		\$ 1,440.00
Books		
Precision Machining Technology TB 3ed	\$ 140.75	
Haas & Fanuc Virtual CNC Training Bundle	\$ 112.75	
Tools-Estimated Cost		\$ 253.50
12' Plastic Tool Box 3/8 Tool Bits HS – qty 4, Center Drill-qty 2, Round Edge Finders, 6' Stale English		
Flat Center Gauge, Center Punch, Scribe, Dial Caliper, 0-1 Micrometer 8' Adjustable Wrench 8'		
Square Nose Side Cutters, Crimping Tool, Fuse Puller, Tape Measure (25ft)		
TOTAL ESTIMATED THIRD TRIMESTER COST		\$ 1,693.50
FOURTH Trimester		
Trimester Fee	\$ 1,357.00	
Technology Access Fee	\$ 73.00	
Student Activity Fee	\$ 10.00	
		\$ 1,440.00
Instrumentation Textbook 7ed		\$ 213.75
TOTAL ESTIMATED FOURTH TRIMESTER COST		\$ 1,653.75
FIFTH TRIMESTER		
Trimester Fee	\$ 1,357.00	
Technology Access Fee	\$ 73.00	
Student Activity Fee	\$ 10.00	
TOTAL ESTIMATED FIFTH TRIMESTER COST		\$ 1,440.00
Mechatronics Industrial Machinery Mechanics Diploma		
Total Estimated Program Cost		\$ 9,492.25
Prices Subject to Change Without Notice		
08/01/2024		