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ADVANCED AUTOMOTIVE SERVICE TECHNOLOGY  
 Required Book-Tool-Supply List

- Please check with your instructor before purchasing any item on the list.
- Item costs are approximate and may change at any time. All items are subject to state tax.
- In accordance with provisions set forth by the Florida Legislature and the Pinellas County School Board, tuition is determined on an annual basis and subject to change each school year.

TYPE		QUANTITY	UNIT COST	TOTAL COST
Tuition	Total Program Length - Automotive Service Technology 1	800	\$2.92	\$2,336.00
Tuition	Total Program Length - Automotive Service Technology 2	1600	2.92	4672.00
Fee	Total Lab Fee - Automotive Svc 1	800	0.68	544.00
Fee	Total Lab Fee - Automotive Svc 2	1600	0.68	1088.00
	(The amount of <b>tuition</b> and <b>lab fee</b> collected each term will be based upon the number of hours assigned to that term.)			
Fee	Application Fee	1	15.00	15.00
Fee	Facility & Equipment Usage fee - Automotive Svc 1 of \$12.50 to be paid <i>every fee period</i>	4	12.50	50.00
Fee	Facility & Equipment Usage fee - Automotive Svc 2 of \$12.50 to be paid <i>every fee period</i>	7	12.50	87.50
Fee	Student Parking Tag	1	5.00	5.00
Fee	Student ID	1	5.00	5.00
Fee	Graduation fee	1	50.00	50.00

Automotive Service Technology 1 - AER0011, and AER0319

Automotive Service Technology 2 - AER0118, AER0258, AER0275, AER0459, AER0419, AER0173, and AER0506

**Course AER0011**

Book	CDX Fundamentals of Automotive Technology & Light Vehicle Online 2 year access & Student Workbook & Light Vehicle Tasksheet Manual (ISBN: 9781284140439)	1	\$325.10	\$325.10
Tool	Laptop ( <b>see Purchasing Guidelines posted on Program Web page</b> )	1	\$300.00	\$300.00
Tool	Bottom Roll Cart Tool Box (Minimum 6 drawer with at least 10,000 Cu. Inch storage space-roller bearing slides 40" maximum width)	1	587.89	587.89
Tool	Metric Wrench Set 12-PT (7mm, 8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 18mm, 19mm, 21mm)	1	164.57	164.57
Tool	1/2" Ratchet (standard length)	1	50.11	50.11
Tool	1/2" Extensions (1/2 x 2", 1/2 x 5", 1/2 x 10")	1	31.65	31.65
Tool	1/2" Drive Impact Universal (ball type)	1	19.30	19.30
Tool	3/8" Ratchet (standard length)	1	32.36	32.36
Tool	3/8" Metric Socket Set - Shallow and Deep 6-PT (8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 18mm, 19mm, 21mm)	1	164.36	164.36
Tool	3/8" Sparkplug Sockets (5/8" and 13/16" with Hex drive end)	1	22.22	22.22
Tool	3/8" Extensions (3/8" x 3", 3/8" x 6", 3/8" x 10")	1	27.56	27.56
Tool	1/2" Metric Impact Socket Set - Shallow and Deep 6-PT (12mm, 13mm, 14mm, 15mm, 16mm, 17mm, 18mm, 19mm, 21mm, 22mm, 24mm, 27mm)	1	206.78	206.78
Tool	1/4" Ratchet (standard length)	1	25.93	25.93
Tool	1/4" Drive Metric Sockets - shallow 6-PT (5mm, 5.5mm, 7mm, 8mm, 10mm, 11mm, 12mm, 13mm, 14mm)	1	45.65	45.65
Tool	1/4" Drive Extensions (1/4 x 3", 1/4 x 6")	1	12.93	12.93
Tool	Drill Bit set (13 pieces) 1/16" to 1/4" in 1/64" increments	1	41.20	41.20
Tool	Hacksaw	1	22.89	22.89

TYPE		QUANTITY	UNIT COST	TOTAL COST
Tool	Gasket Scraper (1" or wider blade)	1	11.86	11.86
Tool	Ball Peen Hammer - 24 ounce	1	18.22	18.22
Supply	Button Down (School Approved) Uniform Shirt	1	24.00	24.00
Supply	Dark Blue Uniform Pants	1	14.00	14.00
Supply	No-Mar (Technician's) Belt	1	29.00	29.00
Supply	Leather Work Boots	1	50.00	50.00
Supply	Ear Plugs	1	8.32	8.32
Tool	Standard Hex Key Socket Set - 3/8" Drive (to include: 5/32, 1/4, 5/16, 7/32, and 3/8" bits)	1	55.33	55.33
Tool	Metric Hex Key Set - 3/8" Drive (to include: 4mm, 5mm, 6mm, 7mm, 8mm, and 10mm bits)	1	47.19	47.19
Tool	Screwdriver (1/8" x 4" slotted)	1	6.28	6.28
Tool	Screwdriver (3/16" x 4" slotted)	1	6.15	6.15
Tool	Screwdriver (5/16" x 6" slotted)	1	8.63	8.63
Tool	Screwdriver (3/8" x 12" slotted)	1	9.70	9.70
Tool	Screwdriver Phillips (#0 x 2 1/2")	1	4.79	4.79
Tool	Screwdriver Phillips (#1 x 3")	1	5.98	5.98
Tool	Screwdriver Phillips (#2 x 1 1/2")	1	6.70	6.70
Tool	Screwdriver Phillips (#3 x 6")	1	8.53	8.53
Tool	Screwdriver Phillips (#2 x 4")	1	5.12	5.12
Tool	Digital Multimeter - Volts, Amps, and Ohms (AC and DC Volts, Amps, Ohms, Frequency - Fluke 115 or equivalent)	1	133.35	133.35
Tool	Pry Bar with Handle (12")	1	13.23	13.23
Tool	Pry Bar with Handle (24")	1	23.46	23.46
Tool	Pry Bar (12" roll type - "Lady's Foot")	1	18.86	18.86
Tool	Air Blow Gun - Rubber Tipped (Milton S-153 or equivalent)	1	4.98	4.98
Tool	Air Tire Chuck	1	1.89	1.89
Tool	Oil Filter Wrench (standard size oil filter with swivel handle)	1	8.24	8.24
Tool	Oil Filter Wrench (small size oil filter with swivel handle)	1	8.24	8.24
Tool	12" Adjustable Wrench	1	23.38	23.38
Tool	10" Wire Brush	1	3.55	3.55
Tool	Fender Cover	2	18.66	37.32
Tool	Battery Terminal Brush	1	5.65	5.65
Tool	Drive Air Ratchet - 3/8"	1	76.20	76.20
Tool	1/2" Drive Impact Wrench	1	110.22	110.22
Tool	Torque Wrench - 1/2" Drive (with 20 ft. lbs minimum to 150 ft lbs. range - click type)	1	106.87	106.87
Tool	Voltage Tester (test light) (10 Meg - high impedance style)	1	16.79	16.79
Tool	Serpentine Belt Adjusting Tool (ratcheting type)	1	54.30	54.30
Tool	Electric Wire Stripping and Crimping Tool	1	16.33	16.33
Tool	Punches and Chisels (Pin Punches: 1/16, 3/32, 1/8; Center Punch: 3/8; Line up Tools: 5/32, 3/16; Cold Chisels: 1/2, 3/4)	1	43.30	43.30
Tool	Safety Glasses (non-tinted)	2	6.49	12.98
Tool	Mini Mag Light	1	11.69	11.69
Tool	Telescoping Inspection Mirror	1	10.27	10.27
Tool	Telescoping Pick-Up Tool	1	8.57	8.57
Tool	Feeler Gauge (.002" - .040")	1	3.46	3.46
Tool	Mini Tubing Cutter (1/8 - 5/8")	1	9.70	9.70
Tool	Internal (Recessed) Torx Sockets (E6, E7, E8, E10, E12, E14, E16)	1	36.50	36.50
Tool	Pliers, Slip Joint (7" - 9") Set	1	33.18	33.18

TYPE		QUANTITY	UNIT COST	TOTAL COST
Tool	Pliers, Tongue and Groove - Straight Jaw (10" to 12") Set	1	33.18	33.18
Tool	Pliers, Long Nose (7" to 9") Set	1	33.18	33.18
Tool	Pliers, Diagonal Cutting (7" to 9") Set	1	33.18	33.18
Tool	Locking (Vice Grip) Pliers - Curved Jaw (10")	1	10.84	10.84
Tool	Locking (Vice Grip) Pliers - Long Nose (4")	1	10.55	10.55
Tool	Ball Pein Hammer - 24 oz.	1	10.79	10.79
Tool	Torx Socket - 3/8" Drive T-55 Tamperproof Socket	1	9.62	9.62
Tool	Tire Pressure Gauge (0 to 50 lbs - 1 lb increments)	1	4.98	4.98
Tool	4 in 1 Valve Stem Tool (Milton S-445 or Equivalent)	1	1.66	1.66
Tool	Tire Tread Depth Gauge (Milton S-448 or Equivalent)	1	3.78	3.78
Tool	Quick Connect Fitting - 1/4" MPT Aero "B" or Milton 777 Equivalent)	4	1.85	7.40
Tool	1/2" Impact Flip Socket 17 mm/19 mm - Set	1	35.22	35.22
Tool	1/2" Dr. Impact Flip Socket 3/4"/13"/16" Std Set	1	35.22	35.22
Tool	1/4" Ratcheting Magnetic Screwdriver Set (Phillip Bits, Slotted Bits, Torx Bits T-10, T-15, T-20, T-25, T-27, T-30 Hex Bits 3/16, 1/4, 4mm, 5mm, 6mm)	1	43.49	43.49
Tool	Feeler Gauge (.006 mm - .070 mm)	1	5.99	5.99
Tool	Fluorescent Work Light (without outlet)	1	54.85	54.85
Tool	Utility Knife	1	5.93	5.93
Tool	Dead Blow Hammer (48 oz.)	1	\$51.73	51.73
Tool	Flex Handle 1/2	1	34.15	34.15
Tool	Flex Handle - 3/8 (drive)	1	20.41	20.41
Tool	Flex Handle - 1/4	1	14.62	14.62
Tool	Feeler Gauge (offset style) (.008 - .026)	1	5.90	5.90
Tool	Plastic Tip Hammer - 12 oz.	1	14.39	14.39
Tool	3/8" Dr Torque Wrench (50 in. lbs to 250 in lbs Range - Click Type)	1	\$99.18	\$99.18
<b>Course AER0319</b>				
Tool	AC/DC low current inductive meter or probe	1	\$140.00	\$141.00
Tool	Dual-Heat Soldering Gun with Light	1	55.00	\$56.00
<b>Course AER0419</b>				
Tool	3 Piece Flare Nut Wrench Set - Standard (1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4)	1	\$88.33	\$88.33
Tool	Flare Nut Wrench Set - Metric (8mm, 10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 17mm, 18mm, 19mm)	1	57.94	57.94
Tool	Disc Brake Caliper Service Kit (remove, adjust and reinstall caliper pistons for 1, 2, 4 piston and rear calipers)	1	73.11	73.11
Tool	Brake Service Kit (brake spring pliers, pressure retaining spring tools 5/8" to 7/8", adjuster spoon, 1/4", 5/16", 3/8", 7/16", 7mm and 10mm bleeder wrenches)	1	45.40	45.40
Tool	Vacuum Pump Tester (mity vac or equivalent)	1	55.21	55.21
Tool	Torx Sockets (3/8" drive T-40, T-45, T-50, T-55, and T-60)	1	58.44	58.44
Tool	Brake Lining Gauge	1	8.72	8.72
Tool	Disc Brake Lining Wear Gauge	1	11.15	11.15

TYPE		QUANTITY	UNIT COST	TOTAL COST
<b>Course AER0173</b>				
Tool	Duo Core Remover - A/C R12 and R134	1	\$6.65	\$6.65
Tool	A/C and Fuel Line Disconnect Tool Set (5/16", 3/8", 1/2", 5/8", 3/4", and 7/8")	1	7.19	7.19
Tool	Infrared Pyrometer (-25 to 1000 degrees Fahrenheit)	1	94.16	94.16
<b>Course AER0506</b>				
Tool	Engine Vacuum/Pressure Gauge	1	\$55.00	\$56.00
Tool	Engine Compression Gauge Set	1	50.00	\$51.00
Tool	Noid Light Set - Fuel Injection Systems (ability to test Bosch, Ford, and GM systems)	1	37.55	37.55
Tool	Sparkplug Gapping Tool (wire type - .025" to .080")	1	4.66	4.66
Tool	Ignition Plug Tester	1	6.29	6.29
<b>Advanced Automotive Service Technology 1</b>				
	Tuition			\$2,336.00
	Application Fee			\$15.00
	Lab Fees			\$544.00
	Additional Fees			\$110.00
	Supplies, Uniforms, and Tools Total			\$3,754.58
	Books Total			\$325.10
	<b>Automotive Service Technology 1 TOTAL</b>			<b>\$7,084.68</b>
<b>Advanced Automotive Service Technology 2</b>				
	Tuition			\$4,672.00
	Lab Fees			\$1,088.00
	Additional Fees			\$87.50
	Supplies, Uniforms, and Tools Total			\$661.80
	Books Total			\$0.00
	<b>Automotive Service Technology 2 TOTAL</b>			<b>\$6,509.30</b>
<b>Updated July 15, 2019</b>			<b>GRAND TOTAL</b>	<b>\$13,593.98</b>

Tools should be professional quality for Automotive Service usage. Recommended brands are Snap-On, Matco, Mac, NAPA, Professional line, or Craftsman. The prices on this sheet are Craftsman, but the other manufactures carry similar sets.