



Automotive Technology

The Automotive Technology program provides instruction in current methods of service and repair of automobiles. Students are taught the use of manuals and how to utilize available resources to assist in diagnosis and corrections of automotive problems. They are instructed in the proper use of equipment and tools. Throughout the course, students are prepared to take the ASE Certifying examinations, which is offered twice per year in the Knoxville area. The Automotive Technology program is accredited by the National Automotive Technicians Education Foundation (NATEF) to the Master Automobile Service Technology (MAST) level in all areas of training.

Program/Location	Length	Days	Time
Day Program/ Knoxville Campus	20 Months	Monday-Friday	8:00am—2:30 pm
Night Program/Knoxville Campus	20 Months	Monday-Friday	3:30 pm—10:00 pm

Course Outline

1st Trimester

Introduction and Safety
Technology Foundations
MOPAR Career Automotive Program (CAP)
OSHA 10 Training
Intro to Electrical/Electronic System

Engine Repair

2nd Trimester

Suspension and Steering

Brakes

3rd Trimester

Engine Repair

Heating and Air Conditioning

4th Trimester

Automatic Transmissions/Transaxles

Manual Drive Train and Axles

5th Trimester

Engine Performance

Typical Job Opportunities

Dealership/Independent Technician
Specialist Technician
Service Advisor
Parts Specialist

Completion Awards

MOPAR CAP Local Training Certificate—432 hours

Technician Assistant Certificate—completion of Safety & Orientation, OSHA 10 Training, Electrical, Brakes, and Steering & Suspension

Technician Apprentice Certificate—completion of the above areas and Heating & Air Conditioning

Master Technician Diploma—completion of all the above areas and Automatic Transmissions/Transaxles and Engine Performance

Placement Rate for 2016 = 91%

HOW TO APPLY

All Documents Must be Presented Together to Apply

- 1. FAFSA—Provide Proof of Completed FAFSA
School Code = 004025**
- 2. Immunizations—Provide Proof of Required
Immunizations (Form is Attached)**
- 3. Complete TCAT Application for Enrollment
(Form is Attached)**



Automotive Technology

Book, Tool, and Supply List

1st Trimester				
Tuition		Cost	Total	
Tuition*		\$1,139.00		
Technology Access Fee*		\$ 67.00		
Student Activity Fee*		\$ 10.00		
ASE Exam and Registration Fee		\$ 114.00		
TOTAL				\$1,330.00
Book		ISBN	Cost	Required
CDX Fundamentals of Automotive Technology with 2 yr access pa		9781284059465	\$ 355.00	x
BUNDLE: DATO: Diagnostic Scenarios for All 8 Automotive Areas		9781133601647	\$ 240.00	
<i>Engine Performance DATO Scenarios (included in bundle)</i>		9781111034771		x
<i>Electricity DATO Scenarios (included in bundle)</i>		9781111034740		x
<i>Engine Repair DATO Scenarios (included in bundle)</i>		9781111034863		x
<i>Brakes DATO Scenarios (included in bundle)</i>		9781111034801		x
<i>Steering and Suspension DATO Scenarios (included in bundle)</i>		9781111034832		x
<i>HVAC DATO Scenarios (included in bundle)</i>		9781111034894		x
<i>Manual Transmission DATO Scenarios (included in bundle)</i>		9781111034955		x
<i>Automatic Transmission DATO Scenarios (included in bundle)</i>		9781111034924		x
TOTAL				\$595.00
Supplies		Needed By	Cost	Required
3 Dickies Charcoal 874 Work Pants		First day of class	\$ 84.00	x
3 Dickies Black Short Sleeve Work Shirts		First day of class	\$ 66.00	x
1 Dickies Charcoal Jacket		First day of class	\$ 40.00	x
Steel Toe Work Boots		First day of class	\$ 140.00	x
Safety Glasses		First day of class	\$ 10.00	x
Volt/OHM Meter		First day of class	\$ 100.00	x
USB Flash Drive 4 GB		First day of class	\$ 12.00	x
Test Light		First day of class	\$ 20.00	x
Fender Covers		First day of class	\$ 15.00	x
TOTAL				\$487.00
Miscellaneous Cost		Cost	Required	
MACS Certification Test (check or Cash)		\$ 20.00	x	
OSHA 10 Training		\$ 25.00	x	
TOTAL				\$45.00

All Costs are Estimated and Subject to Change Without Notice Revised: 4/26/2017

*Denotes costs that can be covered by TN Promise and TN Reconnect

2nd Trimester

Tuition	Cost	Total
Tuition*	\$1,139.00	
Technology Access Fee*	\$ 67.00	
Student Activity Fee*	\$ 10.00	
ASE Exam and Registration Fee	\$ 114.00	
TOTAL		\$1,330.00

Tools	Needed By	Required
6 Pt. Standard Depth 5/32"-1/2" & 4mm-14mm	First day of class	x
6 Pt. Standard Depth 1/4"-7/8" & 8mm-19mm	First day of class	x
6 Pt. Standard Depth 3/8" - 15/16" & 9mm-19mm	First day of class	x
Combination Wrench Set 3/8"- 15/16" & 8mm-19mm	First day of class	x
3 Piece Pliers Set Needle Nose & Slip Joint	First day of class	x
6 Pt. Deep 3/16"-9/16" & 4mm-4mm	First day of class	x
6 Pt. Deep 3/8"-3/14" & 8mm-18mm	First day of class	x
Slotted Screwdriver 1/8, 3/16, & 1/4	First day of class	x
1/2" Ratchet	First day of class	x
24 oz. Ball Peen Hammer	First day of class	x
1/4" Drive Ratchet	First day of class	x
3/8" Drive Ratchet	First day of class	x
3" Extension	First day of class	x
Standard Hex Key Set	First day of class	x
Metric Hex Key Set	First day of class	x
Phillips Screwdriver #0, #1, #2	First day of class	x
1/4" Socket Set	First day of class	x
3/8" Socket Set	First day of class	x
1/2" Socket Set	First day of class	x
Pry Bar	First day of class	x
Tool Box	First day of class	x
1 1/2" Extension	First day of class	x
3" Extension	First day of class	x
6" Extension	First day of class	x
Torx Set #15-#50	First day of class	x
Torque Wrench (1/2 inch)	First day of class	x
3" Extension	First day of class	x
6" Extension	First day of class	x
1/2" Drive Breaker Bar	First day of class	x
13/16: Spark Plug Socket	First day of class	x
5/8" Spark Plug Socket	First day of class	x
TOTAL		\$600.00

3rd Trimester

Tuition	Cost	Total
Tuition*	\$1,139.00	
Technology Access Fee*	\$ 67.00	
Student Activity Fee*	\$ 10.00	
ASE Exam and Registration Fee	\$ 114.00	
TOTAL		\$1,330.00

All Costs are Estimated and Subject to Change Without Notice Revised: 4/26/2017

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4th Trimester

Tuition	Cost	Total
Tuition*	\$1,139.00	
Technology Access Fee*	\$ 67.00	
Student Activity Fee*	\$ 10.00	
ASE Exam and Registration Fee	\$ 114.00	
TOTAL		\$1,330.00

5th Trimester

Tuition	Cost	Total
Tuition*	\$1,139.00	
Technology Access Fee*	\$ 67.00	
Student Activity Fee*	\$ 10.00	
ASE Exam and Registration Fee	\$ 114.00	
TOTAL		\$1,330.00

Miscellaneous Cost	Cost	Required	
Graduation Supplies	\$ 40.00	x	
TOTAL			\$ 40.00
TOTAL PROGRAM COST			\$8,417.00

All Costs are Estimated and Subject to Change Without Notice Revised: 4/26/2017

*Denotes costs that can be covered by TN Promise and TN Reconnect

TCAT - Knoxville Certification of Immunization Measles, Mumps, and Rubella (MMR)

Student's name: _____ Program of Enrollment: _____

PART I (TO BE COMPLETED BY STUDENT)

Proof of MMR immunization is not required for the following reason:

- I graduated from a Tennessee public or private high school in 1999 or after. (transcript attached)
- I attended a Tennessee public or private high school in 2001 or after. (transcript attached)
- I was born prior to January 1, 1957. (copy of photo ID or birth certificate attached)
- I am active duty or former military personnel. (copy of DD214 or active military ID attached)

IF THE ABOVE IS CHECKED, PLEASE SIGN BELOW.

PART II (TO BE COMPLETED BY STUDENT)

Proof of MMR immunization is not required for the following reason:

- I refuse immunization because of religious doctrine. (Reason affirmed under the penalties of perjury. Please attach statement.)

IF THE ABOVE IS CHECKED, PLEASE SIGN BELOW.

PART III—MMR (TO BE COMPLETED BY PHYSICIAN)

Please circle the number that applies to this patient:

1. Patient has received two doses of measles vaccination since the age of 12 months:

Month/year _____ Month/year _____

2. Vaccination is medically contraindicated because of pregnancy, allergy to vaccine, etc. (Please list reasons.)

3. Patient had disease, as confirmed by medical record:

Month/year _____

4. Patient is immune to disease, as confirmed by laboratory.

Comment _____

ATTEST

(Must be signed by an M.D. or D.O.)

Name of physician (Please print) _____

Office telephone _____

Physician's signature _____ Date _____

Student's signature _____ Date _____

TCAT - Knoxville Certification of Immunization Varicella (Chicken Pox)

Student's name: _____ Program of Enrollment: _____

PART I (TO BE COMPLETED BY STUDENT)

Proof of varicella (chicken pox) immunization is not required for the following reason:

- I attended a Tennessee public high school between 1999 and May 2016. **(Must provide proof of second varicella vaccine dose from your physician office.)** (transcript attached)
- I was born prior to January 1, 1980. (copy of photo ID or birth certificate attached)
- I am active duty or former military personnel. (copy of DD214 attached)

IF THE ABOVE IS CHECKED, PLEASE SIGN BELOW.

PART II (TO BE COMPLETED BY STUDENT)

Proof of varicella (chicken pox) immunization is not required for the following reason:

- I refuse immunization because of religious doctrine. (Reason affirmed under the penalties of perjury. Please attach statement.)

IF THE ABOVE IS CHECKED, PLEASE SIGN BELOW.

PART III—VARICELLA (TO BE COMPLETED BY PHYSICIAN)

Please circle the number that applies to this patient:

1. Patient has received two doses of varicella (chicken pox) vaccination since the age of 12 months:
Month/year _____ Month/year _____
2. Vaccination is medically contraindicated because of pregnancy, allergy to vaccine, etc. (Please list reasons.)

3. Patient had disease, as confirmed by medical record:
Month/year _____
4. Patient is immune to disease, as confirmed by laboratory.
Comment _____

ATTEST

(Must be signed by an M.D. or D.O.)

Name of physician (Please print) _____

Office telephone _____

Physician's signature _____ Date _____

Student's signature _____ Date _____



TENNESSEE COLLEGES OF APPLIED TECHNOLOGY

ENROLLMENT APPLICATION

Applicants must complete every item on this form, sign and date and return it to the College.

Personal Information	<p>Full Legal Name</p> <p>_____</p> <p style="text-align: center;">Last First Middle</p> <hr/> <p>Address _____ City _____</p> <p>County _____ State _____ Zip _____ Email Address _____</p> <p style="text-align: right;">Gender: <input type="checkbox"/> M <input type="checkbox"/> F</p> <p>Social Security _____ Date of Birth _____ Age _____</p> <p>Marital Status: <input type="checkbox"/> Married <input type="checkbox"/> Single Preferred Phone Number: _____</p> <p>Race: Do you consider yourself to be Hispanic/Latino/Spanish origin? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Select one or more of the following racial categories to best describe you:</p> <p><input type="checkbox"/> American Indian/Alaska Native <input type="checkbox"/> Native Hawaiian/Pacific Islander</p> <p><input type="checkbox"/> Asian <input type="checkbox"/> White</p> <p><input type="checkbox"/> Black or African American</p> <p>Citizenship status: <input type="checkbox"/> US Citizen or US National <input type="checkbox"/> US Dual Citizen <input type="checkbox"/> US Permanent Resident or Refugee <input type="checkbox"/> Other</p> <p>US Forces Status: <input type="checkbox"/> Currently Serving <input type="checkbox"/> Previously Serving <input type="checkbox"/> Current Dependent <input type="checkbox"/> N/A</p> <p>ALL MALES 18 OR OLDER MUST be registered with Selective Service. Have you registered for Selective Service?</p> <p><input type="checkbox"/> Not required to registered <input type="checkbox"/> Registered <input type="checkbox"/> Required to register, but not registered</p>
Prior Education/ Training	<p>Education (insert highest level of education completed): _____</p> <p>Name of last high school attended: _____</p> <p>High school graduation date (mm/yyyy): _____ GED Diploma Date _____</p> <p>Are you seeking credit for prior education, training or work experience? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
Program	<p>Please review the campuses website and provide the program name choice for career training (Example: Administration Office Technology)</p> <p>_____</p> <p>When will you be available to enroll in class? <input type="checkbox"/> Fall <input type="checkbox"/> Spring <input type="checkbox"/> Summer</p> <p>Do you plan to apply for financial aid? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>

Signature of Applicant: _____ Date of Application: _____

The Tennessee Colleges of Applied Technology (TCATs) do not discriminate on the basis of race, color, religion, creed, ethnic or national origin, sex, sexual orientation, gender identity/expression, disability, age, status as a covered veteran, genetic information and any other category protected by federal or state civil rights law with respect to all employment, programs and activities sponsored by the TCATs.



Application for Enrollment

The information is for Office use only:

ADMISSIONS REQUIREMENTS

- FAFSA I will not be filing financial aid. I will be paying for my education. Students Initials: _____
- Immunizations Education Transcripts

SPECIAL ADMISSIONS REQUIREMENTS

Cosmetology:

- Photo Proof of Age Copy of SS Card RT/LT Handed Manicuring Only

Dental Assisting, Medical Assisting, and Surgical Technology

Compass required scores: Math 30 and Reading 70

- COMPASS or ACT – Scores: _____ Math _____ Reading (Date: _____)
- CPR Documentation (BLS for Healthcare Providers)

Practical Nursing:

Compass required scores: Math 50 and Reading 80

- Notarized Declaration of Citizenship Copy of ID Used to Declare Citizenship
- CPR Documentation (BLS for Healthcare Providers)
- COMPASS or ACT – Scores: _____ Math _____ Reading (Date: _____)

Truck Driving:

- MVR DOT Physical Valid Driver's License
- U.S. Citizenship / Residency

Staff Signature: _____

Date: _____