



General Comprehensive Automotive Technology Program Registration Packet

Collin College's General Comprehensive Automotive Technology program is a pathway that provides up-to-date training on the operation, diagnostics and repairs of automobiles to jump-start your career! Our program offers certificates from those wanting to become a maintenance technician all the way up to our two-year Associate of Applied Science degree where you learn every aspect of automobiles including hybrid and electric vehicles.

The purpose of General Comprehensive Automotive program is to prepare students for entry-level employment as an automotive technician. Additionally, the curriculum in our automotive program requires students to complete cooperative education classes, which gives students the opportunity to work while enrolled in the program. This program reflects a comprehensive foundation including theory, diagnosis, repair and maintenance of automobiles based on modern vehicles with electronic systems. Emphasis is placed on current shop and dealership procedures, operational theory, and current best practices.

If you are not interested in a career in automotive technology but would like to learn for personal enrichment, please refer to our continuing education classes: <https://www.collin.edu/ce/classes/auto.html>

To provide the most extensive learning experience and prepare the Automotive student for a career path beyond the technician level, the four-day morning cohort for the General Comprehensive Automotive program is accompanied with academic courses. This approach engages students in ways that goes beyond the individual automotive courses and positions the student to complete their degree in a timely manner. Assignments, classroom activities and discussions may be directly related to the topics being studied, thus making this integration of curriculum more engaging.

Graduates of a degree program may have more career opportunities available to them, including a higher earning potential, upward career movement (I.e., management), teaching at the community college level, or transferring to a four -year institution to attain a bachelor's degree or higher. Students not wishing to complete a degree may take courses toward the certificate programs and later may move into to the AAS program option with additional academic preparation.

The next three pages provide additional program information you need prior to registration. The final section is a registration checklist, which includes a questionnaire to be completed with the department. Without a completed checklist, you are ineligible to register. Please read the next few pages carefully!

Collin College also offers the Toyota T-TEN and Honda PACT manufacturer programs. Please consult one of our department representatives below for the correct registration packet.



Program Eligibility: In order to be eligible to enroll into Collin College's General Comprehensive Automotive Program, the student must complete the mandatory registration process:

1. Completing the application for admission to Collin College and clear any registration holds with the Student Enrollment Services office: <https://www.collin.edu/apply/index.html>
2. Complete the Texas Success Initiative (TSI) test or meet the TSI exemption. <https://www.collin.edu/studentresources/testing/availabletesting/tsi.html>
3. Meet with the automotive technology department for the questionnaire at the end of this packet.
4. To be eligible for the built-in academic courses schedule, the student must have the appropriate TSI placement. If the student does not meet the minimum standards for the specific academic course, they may take developmental courses until they are college level.

The goal of the Automotive Technology department at Collin College is to provide the student with a strong foundation in automotive service and repair along with a positive rewarding experience while they are attending the program. For students to have a successful experience, we require our students to have discipline, excellent attendance, respect for self and others, excellent personal and work ethics, safety consciousness, and to be a participating member of our student body.

The Automotive Technology program at Collin College is ASE Accredited and has one of the lowest tuition rates in the state. We strive for automotive excellence and create an environment for our students to graduate as highly qualified automotive repair technicians, as expected by industry.

Please contact us for any questions you may have, and to schedule your meeting for the questionnaire for the registration checklist.

| Name | Title | Office | Phone | Email |
|-----------------|------------------|--------|--------------|---------------------------|
| Elias Alba | Program Director | D-213 | 972-599-3157 | ealba@collin.edu |
| James Yervasi | Discipline Lead | D-214 | 972-553-1195 | jcyervasi@collin.edu |
| Maria Rodriguez | Program Coach | D-214 | 972-553-1205 | mariarodriguez@collin.edu |



Automotive Technology Program Plan

Course Sequencing:

FIRST YEAR

First Semester

- AUMT 1305 Introduction to Automotive Technology
AUMT 1307 Automotive Electrical Systems*
AUMT 1316 Automotive Suspension and Steering Systems
ECON 1301 Introduction to Economics (See [Social and Behavioral Sciences](#) options)

Second Semester

- AUMT 1310 Automotive Brake Systems
AUMT 2321 Automotive Electrical Diagnosis and Repair
AUMT 1345 Automotive Climate Control Systems
AUMT 2380 Cooperative Education I - Automobile/Automotive Mechanics Technology/Technician
MUSI 1310 American Music (See [Humanities / Fine Arts](#) options)

Third Semester (Summer)

- AUMT 1319 Automotive Engine Repair*
SPCH 1321 Business and Professional Communication (See [Speech](#) options)

Completion of Level 1 certificates

SECOND YEAR

First Semester

- AUMT 2313 Automotive Drive Train and Axles
AUMT 2317 Automotive Engine Performance Analysis I*
AUMT 2325 Automotive Automatic Transmission and Transaxle
ENGL 1301 Composition I

Second Semester

- AUMT 2337 Automotive Electronics
AUMT 2334 Automotive Engine Performance Analysis II
AUMT 2307 Hybrid and/or Battery Electric Vehicle (BEV) Systems Diagnostics
AUMT 2381 Cooperative Education II - Automobile/Automotive Mechanics Technology/Technician (Capstone)
MATH 1332 Contemporary Mathematics (See [Mathematics](#) options)

*Completion of Level 2 certificate and Associate of Applied Science degree
(Must be TSI complete to be awarded)*

Underlined courses are general education courses and are not required for the Certificate programs.

*Courses marked with an * will have additional/longer scheduled meeting times.*

Program Costs

| Tuition by Course | Credit Hours | Collin County Price | Outside of Collin County Price | Fees | Collin County Total | Outside of Collin County Total |
|--|--------------|---------------------|--------------------------------|-------------------|---------------------|--------------------------------|
| First Year Fall Semester | | | | | | |
| AUMT 1305 Introduction to Automotive Technology | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| AUMT 1307 Automotive Electrical Systems | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| AUMT 1316 Auto. Suspension & Steering Systems | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| <i>ECON 1301 (Core class for AAS)</i> | 3 | \$201.00 | \$381.00 | | | |
| First Year Spring Semester | | | | | | |
| AUMT 1310 Automotive Brake Systems | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| AUMT 2321 Auto. Electrical Diagnosis and Repair | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| AUMT 1345 Automotive Climate Control Systems | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| AUMT 2380 Coop Education | 3 | \$201.00 | \$381.00 | | | |
| <i>MUSI 1310 (Core class for AAS)</i> | 3 | \$201.00 | \$381.00 | | | |
| First Year Summer Semester | | | | | | |
| AUMT 1319 Automotive Engine Repair | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| <i>SPCH 1321 (Core class for AAS)</i> | 3 | \$201.00 | \$381.00 | | | |
| Second Year Fall Semester | | | | | | |
| AUMT 2313 Auto. Manual Drive Train & Axles | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| AUMT 2317 Auto. Engine Performance Analysis I | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| AUMT 2325 Automatic Transmission & Transaxle | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| <i>ENGL 1301 (Core class for AAS)</i> | 3 | \$201.00 | \$381.00 | | | |
| Second Year Spring Semester | | | | | | |
| AUMT 2337 Automotive Electronics | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| AUMT 2334 Auto. Engine Performance Analysis II | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| AUMT 2307 Hybrid and/or Battery Electric Vehicle Systems | 3 | \$201.00 | \$381.00 | \$100.00 | | |
| AUMT 2381 Coop Education II (capstone) | 3 | \$201.00 | \$381.00 | | | |
| <i>MATH 1332 (Core class for AAS)</i> | 3 | \$201.00 | \$381.00 | | | |
| | | | | | | |
| Total for all Automotive Classes | 45 | \$3,015.00 | \$5,715.00 | \$1,300.00 | \$4,315.00 | \$7,015.00 |
| 5x Core classes for AAS | 15 | \$1,005.00 | \$1,905.00 | | | |
| TUITION TOTAL FOR AAS DEGREE | 60 | \$4,020.00 | \$7,620.00 | \$1,300.00 | \$5,320.00 | \$8,915.00 |

Additional Program Costs (*Pricing as of 4/9/2025*):

- Cengage Unlimited Online Subscription: \$269/year
- Estimated textbook cost for Core classes: \$750
- Uniform (to be ordered at the Technical Campus bookstore): \$155.00
- Safety glasses (ANSI Z.87.1): pricing vary; recommended to get from bookstore.
- *Recommended supplies: Laptop, Headphones, and USB Flash Drive*



General Comprehensive Automotive Program Registration Check List

Student: _____ CWID: _____

Email: _____ Primary Phone: _____

Each item must be completed and signed off by the department before being able to sign up for automotive classes. ***Incomplete checklists will not be accepted!***

1. Receive General Comprehensive Automotive Technology Program packet. ☐YES ☐NO
2. Apply and be accepted into Collin College (apply.collin.edu). Must clear all registration holds:
 - Transcripts submitted? ☐ YES ☐NO
 - Correct Program of Study Requested? ☐YES ☐NO
 - Submission of bacterial meningitis vaccine online? ☐YES ☐NO
(If under 22 years old)
 - Mandatory Online Orientation and Safety training completed? ☐YES ☐NO
3. Expected program of study? (Circle one)
Level 1- XMT Level 1-MLR Level 2-AST AAS-Automotive Tech
4. Go to [Collin College's Testing Center Website](#) for TSI Pre-Assessment and register for TSI test.
Applicants must be TSI complete to graduate from the two-year program (Level 2 Certificate and AAS degree). All applicants must test unless previous scores or TSI exemption is being met. Please consult with the Student Enrolment Services for additional information.

College level Reading and Writing? ☐YES ☐NO
Placement: _____
College Level Math? ☐YES ☐NO
Placement: _____
5. Schedule meeting with faculty member, career coach, or program director (please refer to contact information on page 2 of packet)

Faculty Member Name: _____ Date: _____

*****Note: To be Completed during meeting with Faculty Member*****
The following is for information gathering and do not bar entry to the program

- a. Is the goal of the applicant to be employed in the automotive industry? ☐YES ☐NO



- b. Does the applicant understand that the following factors could affect employment in the automotive industry: eligibility to work in the U.S., drug testing at work, felony records, and the applicant's driving record (DUIs/DWIs, speeding tickets) ☐YES ☐NO
- c. General Program Times—Please choose ONE program of interest.
- 4- Day Learning Community classes M-R, 7:30 a.m. – 1:30 p.m. ☐YES ☐NO
2 year program to AAS or certificate Level 2
- 2 Day Weekend classes; Friday/Saturday 8:00 a.m. – 5:00 p.m. ☐YES ☐NO
1 year program to certificates Level 1
- Night classes, M-R 6:00 p.m. – 9:50 p.m. ☐YES ☐NO
Certificates or degree option
- d. Does the student understand that orientation is mandatory, and books, uniform, and supplies are required on the first day of class? ☐YES ☐NO
- e. Does the student understand that failure of classes, failure to comply and meet lab standards, academic dishonesty, and violating student code of conduct are grounds for dismissal from the program? ☐YES ☐NO
- f. All paperwork and test results completed. ☐YES ☐NO

Please note: Our programs are based on received completed checklist and the criteria mentioned throughout this packet. Permits will be issued until there is no more space in classes. If you receive a permit and do not register and/or get dropped for non-payment, you may potentially lose your spot.

Student has read the General Automotive Technology Program packet and **UNDERSTANDS and ACCEPTS** the requirements of the General Automotive program at Collin College.

Student Signature: _____

Date: _____

Department Signature: _____

Date: _____

Once completed and filled out, please submit to Maria Rodriguez (mariarodriguez@collin.edu) to receive permits to register for classes.

Please refer to www.collin.edu for registration dates and payment deadlines.