



FLORIDA GATEWAY COLLEGE

GUIDED PATHWAY: AUTOMOTIVE TECHNOLOGY C.C.C. PUBLIC SERVICE AND TECHNOLOGY PROGRAMS

Listed below you will find the steps and course sequence for students to complete the Automotive Technology Certificate. Following the pathway will enable a student to complete his certificate in the most efficient means possible.

This 44-credit hour college credit certificate in Automotive Technology is offered to prepare students for entry-level employment in the automotive service industry. The program prepares students to pass the ASE industry certification examinations and to meet industry standards to help secure employment opportunities.

Catalog Year: 2023-2024

Degree Type: College Credit Certificate

Location: Florida Gateway College, Olustee Campus

PATHWAY MAP

PRE-ENROLLMENT ACTION ITEMS

1. Apply for Admission: Click the following link to apply.
<https://apply.fgc.edu/Ellucian.ERecruiting.Web.External/pages/welcome.aspx>
Fill in the required term. "AERC" is the program code.
2. Apply for financial aid. Apply online at <https://studentaid.gov/h/apply-for-aid/fafsa>
3. Take required proof of residency (see page four of application) to admissions in building 15 on the main FGC campus. Or email documents to:
enrollment.services@fgc.edu
4. Have official high school and all college transcripts sent to the FGC admissions office.
5. Schedule an initial advising appointment with Coordinator Torben Reichhardt. Phone: (386) 754-4485 Email:
Torben.Reichhardt@fgc.edu
6. Register for courses in the FGC registrar's office.

PART TIME PATHWAY (Monday – Thursday)

FIRST SEMESTER			ACTION ITEMS
Course #	Course Name	Credits	
AER 1082C	Introduction to Vehicle Systems	3	1. Meet with advisor at least twice a semester. 2. Completion of the Technology Orientation within Canvas during their first semester and prior to registering for their second semester.
AER 1602C	Electrical Systems I	4	
AER 1073	Parts & Service	2	

SECOND SEMESTER			ACTION ITEMS
Course #	Course Name	Credits	
AER 1596C	Brake Systems, ABS, Traction Control Systems	4	1. Meet with advisor at least twice a semester.
AER 1197C	Engine Diagnosis & Repair	4	

SUMMER SEMESTER			ACTION ITEMS
Course #	Course Name	Credits	
AER 1496L	Steering and Suspension Systems	3	1. Meet with advisor at least twice a semester.
AER 1758C	HVAC Systems	4	

THIRD SEMESTER			ACTION ITEMS
Course #	Course Name	Credits	
AER 2840	Engine Control Systems/ Diagnostics II	4	1. Meet with advisor at least twice a semester.
AER 2694	Electrical Systems II	4	
AER 2398C	Manual Transmission/ Drive Trains	3	

FOURTH SEMESTER			ACTION ITEMS
Course #	Course Name	Credits	
AER 2298C	Automatic Transmissions/Transaxles	3	1. Meet with advisor at least twice a semester.
AER 1695	Chassis Electronics	3	
AER 2870	Alternative Fuel and Propulsion	3	

7. Apply for graduation with FGC. <https://www.fgc.edu/students/student-resources/graduation/>
8. Complete ASE certification tests.
9. Attend the program graduation ceremony.