



# FLORIDA GATEWAY COLLEGE

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

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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.

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Catalog Year: 2023-2024

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Degree Type: College Credit Certificate

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Location: Florida Gateway College, Olustee Campus

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## 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](mailto: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](mailto: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.