



TOPIC:

COMPUTER-CONTROLLED CHARGING SYSTEM DIAGNOSIS

CLASS DATE:

NOVEMBER, 26, 2026

Course Description:

This instructor-led course is intended to help technicians understand the operation of both internally regulated and externally regulated computer-controlled charging systems. Technicians will explore how these systems monitor battery temperature, electrical load, and utilize data networks to manage the charging system output. The course also guides the technician through the diagnosis of both electrical and mechanical faults, including drive belt wear, faulty generator pulleys, and the importance and proper procedure for charging system voltage drop testing.

Course Objectives

Upon successful completion of the training, you will be able to:

- Identify a computer-controlled charging system
- Identify the circuits of an internally and externally computer-controlled generator
- Identify how to diagnose a faulty drive belt
- Identify how to diagnose a faulty generator pulley
- Identify how to perform a charging system voltage drop test
- Identify how to diagnose a faulty General Motors and Stellantis computer-controlled charging systems



All classes include dinner & course book.

		Location	Times
PSC	\$25 ⁰⁰ /student		
ACE	\$75 ⁰⁰ /student	ANCASTER, ON	DINNER
RSSP	\$75 ⁰⁰ /student	Copetown	6:00 pm
APC SELECT	\$75 ⁰⁰ /student	Community Centre	CLASS
NON-MEMBER	\$125 ⁰⁰ /student	1950 Governors Rd	6:30 pm - 8:30 pm
		Copetown, ON	

REGISTRATION

CUSTOMER:

STUDENT NAME:

APC ACCOUNT:

EMAIL:

PROGRAM:

STUDENT NAME:

APPROVED BY:

EMAIL:

STUDENT NAME:

EMAIL:

REGISTER NOW