



TOPIC:

COMPUTER-CONTROLLED CHARGING SYSTEM DIAGNOSIS

CLASS DATE:

NOVEMBER, 3, 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.**

PSC	\$25⁰⁰ /student
ACE	\$75⁰⁰ /student
RSSP	\$75⁰⁰ /student
APC SELECT	\$75⁰⁰ /student
NON-MEMBER	\$125⁰⁰ /student

Location
NIAGARA, ONTARIO
Best Western Conference Centre 2 North Service Road, St Catharines, ON

Times
DINNER 6:00 pm
CLASS 6:30 pm - 8:30 pm

REGISTRATION

CUSTOMER:

APC ACCOUNT:

PROGRAM:

APPROVED BY:

STUDENT NAME:

EMAIL:

STUDENT NAME:

EMAIL:

STUDENT NAME:

EMAIL:

REGISTER NOW