



FREE EV AND AUTOMOTIVE SUPPLY CHAIN CAREER EXPLORATION AT SHERIDAN COLLEGE

Ready to Explore a Career in the Electric Vehicle Automotive Industry?

This free course provides a practical introduction to the technologies driving the EV industry and supply chain. Funded in part by the Government of Canada's Sectoral Workforce Solutions Program.

COURSE HIGHLIGHTS:

- Career Planning, Industry Overview, and Shop Safety
- Tools of the Trade and Introduction to Industrial Robotics
- Motion Programming and Path Accuracy
- Structured Programming, I/O Logic, and Digital Simulation
- Fundamentals of Motors and Energy Conversion
- Motor Speed Control, Drives, and Industry Trends
- Motor Selection and Application in EV Systems
- Engineering Drawings and Quality Control
- Design and Analysis for Automotive Manufacturing
- Advanced Manufacturing and Career Reflection



SESSION DETAILS:

- May 6, 2026 – July 10, 2026
- Classes are held on Wednesdays from 10 a.m. – 12 p.m. (virtual, synchronous) and Fridays from 8 a.m. – 12 p.m. (lab, in-person, at Sheridan College Davis Campus)
- Participants receive a certificate upon completion

ELIGIBILITY CRITERIA:

- High School Diploma or Equivalent
- PR or Canadian Citizen
- Ontario Resident
- CLB 5/6 or IELTS 5 (if English is not your first language)

Questions? Ask Shobana:

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437-455-0695

achev.ca/evolveskills

Scan the QR code
to learn more



Sheridan



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