

Receive state-of-the-art training

The School of Mechatronic System Engineering at Simon Fraser University is launching the **Siemens Mechatronic Systems Certification Program (SMSCP)**, a comprehensive industry skill certification program offered in collaboration with Siemens, one of the world's largest high-tech manufacturing firms.

Designed for today's industrial workforce, the program focuses on the **System Approach**, a holistic teaching method that has adopted a learn-by-doing technique. Participants are introduced to a complete mechatronic system from the ground up, then proceed to examine the various components, keeping the big picture in mind.

Become industry-certified in 17 weeks of the SMSCP. The SMSCP is a 17-week program that provides students with the skills and knowledge needed to succeed in the industry.

Program at a glance

The SMSCP focuses on hands-on professional training to help participants understand and implement the principles of complex mechatronic systems.

We are now offering two SMSCP qualification levels:

LEVEL 1

Siemens Certified Mechatronic Systems Assistant

Emphasis is placed on efficient operation of complex mechatronic systems, troubleshooting and forecasting problems. Participants will also be able to interpret complex technical design schematics for troubleshooting.

- COURSE 1** Electrical Components
- COURSE 2** Mechanical Components and Electrical Drive
- COURSE 3** (Electro) Pneumatic and Hydraulic Control Circuits
- COURSE 4** Digital Fundamentals and PLC

LEVEL 2

Siemens Certified Mechatronic Systems Associate

The focus in Level 2 is on system management, installation, repair and troubleshooting.

- COURSE 1** Process Control Technologies
- COURSE 2** Introduction to Total Integrated Automation
- COURSE 3** Automation Systems
- COURSE 4** Motor Control
- COURSE 5** Mechanics and Machine Elements
- COURSE 6** Manufacturing Process

Find out more and apply





Visit mse.sfu.ca/siemens for full program details and application deadline.

SFU

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