

## 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 adopts a learn-by-doing technique. Participants are introduced to a complete mechatronic system from day one, then proceed to examine the various components keeping the big picture in mind.

## Program at a glance

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

We are now offering two SMSCP qualification levels:

### LEVEL 1

## Siemens Certified Mechatronic Systems Assistant

Emphasis is placed on efficiently operating complex mechatronic systems, trouble shooting 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 Processes

## Find out more and apply





Visit [mse.sfu.ca/siemens](https://mse.sfu.ca/siemens) for full program details and application deadline.

SFU

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