

## Receive state-of-the-art training

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

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 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, troubleshooting and foreseeing problems. Participants will also be able to interpret complex technical design schematics for such systems.

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

### LEVEL 2

## Siemens Certified Mechatronic Systems Associate

The focus in Level 2 is on systems management, investigation, repair and troubleshooting.

- COURSE 1** Process control technologies
- COURSE 2** Introduction to Totally 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 deadlines.



SCHOOL OF MECHATRONIC  
SYSTEMS ENGINEERING

Simon Fraser University  
250-13450 102 Avenue  
Surrey, British Columbia  
Canada V3T 0A3

## Connect with us

-  @FAS\_SFU
-  FAS.SFU
-  sfuappliedsciences
-  sfuappliedsciences