

# School of Electronics and Mechanical Engineering Technology

Version 4

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## Skills Canada Ontario Competitions

Students from our school programs have proudly competed at the provincial and national levels and represented Seneca College in a variety of categories over the years. These have included: Electronics, Mechatronics (team of 2), Coding, Mechanical CAD, Precision Machining, and Computer Aided Manufacturing (CAM).

### Mechatronics Competition

Students work in pairs to build a simulation of an assembly line task using PLC coding in order to control Mechatronics equipment.

SOC 2019: Seneca College students Arian Hajiakbar and Ali Ebrahimzadeh (shown above) competed with seven other teams from colleges all over the province.

### Electronics Competition

Students demonstrate their proficiency in a variety of electronics tasks including: soldering, breadboarding, troubleshooting, practical equipment use, and theory.

### Coding Competition

Students solve a software problem using coding techniques.

## Seneca Medalists

Thanks to all the students who have represented Seneca at Skills Ontario and Skills Canada

competitions, and congratulations to our Medalists. We are #SenecaProud!

## Skills Canada National Competition (SCNC)

### 2022:

- Electronics - **SILVER** - Maxim Gontcharenko
- Mechatronics - **SILVER** - Kian Hassan-Tehrani & Matin Zalpour
- Precision Machining - **GOLD** - Mark Macario

### 2021:

- Electronics - **GOLD** - Brian Lew

## Skills Ontario Competition (SOC)

### 2022:

- Computer Aided Manufacturing (CAM) - **BRONZE** - Tarrick Karim
- Electronics - **GOLD** - Maxim Gontcharenko
- Mechanical CAD - **BRONZE** - Jonathan Stewart
- Mechatronics - **GOLD** - Kian Hassan-Tehrani & Matin Zalpour
- Precision Machining - **GOLD** - Mark Macario
- Precision Machining - **SILVER** - Tyler Schuette

### 2021:

- Electronics - **SILVER** - Brian Lew
- Precision Machining - **GOLD** - Tyler Schuette

### 2019:

- Coding - **BRONZE** - Liam McMahon
- Electronics - **BRONZE** - Brian Lew
- Mechatronics - **BRONZE** - Hassan Binesh & John Paul Doris

**2018:**

- Electronics - **GOLD** - Nan-Rong Hui
- Electronics - **BRONZE** - Si Qi Zheng