



PRESENTS

NEXUS Program Engineering Stream

Grades 11-12

www.mathstronauts.ca



Description

The NEXUS Program is designed for passionate post-secondary bound high school students. At NEXUS Engineering, participants will be guided through a central project on machine learning, a popular technique applied in artificial intelligence. In their central project, participants will create an algorithm that teaches itself to play a game. Participants will learn fundamental programming concepts such as if/else statements, loops, functions, and advanced programming techniques such as Q-learning in the Python programming language.

In addition to programming skills, this course will provide participants with learning opportunities similar to those they will experience in university, college, and other post-secondary pathways. As such, this course will help students develop the following essential soft skills, which have been identified as the most important in ensuring success in post-secondary: time management, studying strategies, and note taking.

How To Register:

Visit www.mathstronauts.ca/Programs to register by **October 16, 2022**.



Details



THURSDAYS
6:30 PM - 8:30 PM



HYBRID
Virtual classes with an in-person campus tour (TBA)



OCT - JAN 2023
(12 weeks)



\$240.00 CAD

