

West Vancouver Schools Premier Robotics Academy 2021-2022

The Concept

The Premier Mechatronics Robotics Academy is a choice program offered to students in Grades 9 through 12 who are registered full time at any one of the following West Vancouver secondary schools: West Vancouver Secondary, École Sentinel Secondary, or Rockridge Secondary. This program offers students the opportunity to explore their potential in Competitive Robotics as a way of using STEM (Science, Technology, Engineering, Math) skills in a practical and hands-on environment. Students work in design teams, in a variety of roles, to research, build, program and test robots, ultimately competing in robotics competitions, locally, provincially, and internationally. There are usually 5 local tournaments per year as well as a provincial championship (if the team qualifies). If teams do well provincially, teams can qualify for the world championships. Locally, competitions are typically held on Saturdays.

Courses

Students are assessed and evaluated within the Mechatronics Robotics program and provided with marks in each term. For participation in the programs the students receive:

Grade 9: ADST-Electronics and Robotics 9
Grade 10: ADST-Electronics and Robotics 10
Grade 11: Robotics 11
Grade 12: Robotics 12

Personnel

Robotics Instructors: Todd Ablett, Mahesh Chugani Ph.D., Cari Wilson

Schedule

Within the quarterly timetable, the Robotics Academy takes place on Tuesday **or** Thursday afternoons from 1:00 to 3:40 p.m. at West Vancouver Secondary School. Additional classroom times are provided at the discretion of the instructors.

Bus Transportation

One-way bus transportation is provided from Rockridge Secondary and Ecole Sentinel to West Vancouver Secondary. Parents are responsible for pick up at 3:40pm from West Vancouver Secondary.

Fees

\$2750 per year or \$275 per month x 10 months (September – June). In addition, we request that students purchase a Robotics Academy t-shirt or hoodie to be worn at competitions. Additional competition fees may also be incurred.

Initial Interest in the Academy

1. New students, please submit a Student Information Form to the Premier Robotics Academy via: <https://westvancouver.schools.ca/academies/mechatronics-robotics>
2. Please scan a copy of your most recent report card to Academy Assistant, Tara Ledingham at tledingham@wvschools.ca

Process for Completing Registration

3. Complete and submit the Commitment Form and Health & Safety Forms - these will be forwarded to you upon your child's acceptance into the Academy.
4. Please provide a deposit in the amount of \$275 through your child's School Cash Online account. This deposit will cover September's fees and will confirm your student's registration within the Academy. Please note that Academy fees for October 2021 to June 2022 will also be processed through School Cash Online, enabling parents to initiate automated monthly payments via credit card or direct debit.

For further information please contact:
Tara Ledingham at tledingham@wvschools.ca
604-981-1710