ROBOTICS EXPLORATION - CERTIFICATE OF COMPLETION

Plan Code: 6052

This program provides hands-on experience covering basic electronics and electronic assembly. Electronic components are covered as well as soldering techniques and kit assembly. Students are introduced to schematic reading, basic circuit analysis as well. Students will also be introduced to the fundamentals of programming Omon Industrial Robots as well as piloting and learning the systems involved with underwater robotics.

Program Student Learning Outcomes

- Demonstrate the ability to program an industrial robot to pick up parts from one location and drop them off at a specified second location.

Program Requirements

Code Number	Course Title	Hours
REQUIRED COURSES		
ELECT 630A	Intro to Electronics	27
ELECT 630B	Introductory Robotics Camp	27
Total Hours		**54**