



# INTRODUCTORY ROBOTICS PROGRAMS

IN THE 8-WEEK INTRODUCTORY ROBOTICS PROGRAM STUDENTS WILL GAIN HANDS-ON EXPERIENCE LEARNING THE MECHANICS, FUNCTIONS AND PROGRAMMING STATE OF THE ART ROBOTS. THIS PROGRAM IS OPEN TO STUDENTS IN GRADES 6 THROUGH 12 AND WILL BE TAUGHT BY INDIANA TECH FACULTY AND STAFF EXPERIENCED IN ROBOTICS.



LEARN MORE AND APPLY HERE  
[INDIANATECH.EDU/STEAM](https://indianatech.edu/steam)

IN THIS INTRODUCTORY PROGRAM, PARTICIPANTS WILL:

- LEARN ABOUT THE QUADRUPEL ROBOT AND HOW IT IS USED IN INDUSTRY
- EXPLORE USES FOR DIFFERENT ELECTRONIC COMPONENTS AND SENSORS
- BEGIN PROGRAMMING, USING ARDUINO AND PYTHON LANGUAGES
- PROGRAM HIWONDER MECHDOG AND TONYPI HUMANOID ROBOTS

**Oct 14<sup>th</sup> -**

**Dec 2nd**

**Tuesdays, 5:30 p.m. - 7 p.m.**



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