

Makerspace and Entrepreneur Center at Harper College Presents:

Duckiebots!

**An Introduction to Autonomous
Vehicle Technology**

**Have you ever wondered
what goes on inside an
Autonomous Vehicle?**

**This summer you will have a chance to enter the rapidly
developing world of Autonomous Vehicle technology with
Harper College's two week course based on MIT's Duckiebot
miniature self-driving robots.**

Goals:

- Learn the primary components of an Autonomous Vehicle (AV) using Duckiebot miniature AVs.
- Learn the process by which AVs sense their surroundings, map each object, and make decisions.
- Acquire a basic understanding of computer vision using the Duckiebot on-board digital camera.
- Learn to enhance the capabilities of Duckiebot AVs through Python programming.
- Become a part of the development of the next great revolution in transportation technology!

**July 12th through 23rd
Daily from 9am – 3:30pm**

Open to advanced high school students and
college students. Some previous computing
experience is preferred and space is limited.
Call today to learn more!

EMAIL innovate@harpercollege.edu VISIT harpercollege.edu/maker CALL 847.925.6188