HARRISBURG UNIVERSITY
OF SCIENCE AND TECHNOLOGY

HU Exploration Online Programs

Raspberry Pi

In the Raspberry Pi Camp Online, students will engage in computer science topics utilizing the power of programming. The Raspberry Pi Computer platform will enable the students to learn how to manipulate aspects of a favorite video game called Minecraft using introductory programming techniques.

The students will be introduced to the components of the computer and guided to build their computer. Students will learn Python programming language to use with their new RPi Computer. Upon successful completion of the online course the students will retain the Raspberry Pi computer for their continued use.

Advanced Raspberry Pi

Based on the original Raspberry Pi camp, students will explore advanced programming techniques using their Raspberry Pi computer.

Students will receive the hardware to attach an environmental sensor to their computer and will learn Python commands to scan for this data and process it.

MUST HAVE a Raspberry Pi Kit to participate