piRover Builds with K2

Raspberry Pi 4 Getting Started   Rev 1.1

Overview:
The purpose of this lesson is to provide you with an overview of the Raspberry Pi computer system used in this course. You will review the device and its setup. You will continue learning about the Pi by investigating some of the uses and projects that leverage its capabilities.

Prerequisites:
Prior to beginning the instruction provided in this lesson you must have completed the following:

1. Introduction to Course

Performance Outcomes:

1. Recognize a Raspberry Pi.
2. Identify the Raspberry Pi connectors and connections.
3. List the versions of the Raspberry Pi 4 along with pricing.
4. Recognize terms related to the Raspberry Pi operating system.
5. Investigate Raspberry Pi projects.

Resources:
1. [Raspberry Pi 4 Getting Started](#)
2. [Getting Started with Raspberry Pi 4 – Blog Post](#)
3. [Raspberry Pi Foundation](#)
4. [Raspberry Pi](#)

Materials:
5. [None](#)

Directions:

1. Use the [Raspberry Pi 4 Getting Started](#) video to become familiar with the Raspberry Pi and to get a first look at the steps required to configure. Just view the video and review the related blog post at [Getting Started with Raspberry Pi 4 – Blog Post](#). You DO NOT need to complete these steps with your Raspberry Pi at this point! We will be stepping though these directions in future lessons and activities. The goal at this point is to get a solid introduction to this device and its uses.

2. After viewing the video, search Raspberry Pi Projects on Google or YouTube. Save the links to a couple of your favorites. You will need to share project details in the activity associated with this lesson. You

can also review the Raspberry Pi Foundation and the Raspberry Pi sites for projects and additional information.

Assessment:

1. Complete the **Raspberry Pi 4 Getting Started** activity. See the Moodle site for a link to this document. Submit your completed assignment by zipping it along with other assigned work and post to the Moodle site using the weekly assignment link provided at the bottom of the week's section. The instructor will demonstrate this submission process during week 01.