**Worksheet 1**

**Introduction to Internet of Things**

**CPSC 3555 - Spring 2018**

Section 1: Read the following article (<http://www.rfidjournal.com/articles/view?4986>) and answer the questions:

1. Who is credited with coining the term “Internet of Things”?

Kevin Ashton

1. When was the term “Internet of Things” first used?

1999

1. What was the author’s intentions in using the word?

It describes the network connecting objects in the physical world to the Internet.

Section 2: Read the following article (<https://www.postscapes.com/what-exactly-is-the-internet-of-things-infographic/>) and answer the questions:

1. What are the three pillars that drive IoT?

1.Sensors 2. connectivity 3.people and processes

1. Explain each of the pillars, what they do, and what they contain:
   1. Pillar One:

We give the world a digital nervous system. Ex: location data using GPS, eyes and ears using cameras and microphones.

* 1. Pillar Two:

These inputs are digitized and placed onto networks

* 1. Pillar Three:

These networked inputs can then be combined into bi-directional systems that integrate data, people, processes and systems for better decision making.

Section 3: Describe your view of IoT and what you hope to learn from this class.

As it was explained to me in class, the Internet of Things is the virtual connection of multiple machines to work together. Understanding how technology connects to each other is a very interesting topic to me and hope to fully understand the grasp of this topic by the end of the class.