Course Objectives/Course Outline
Spokane Community College

Course Title: Internet of Things
Prefix and Course Number: ELECT 225

Course Learning Outcomes:
By the end of this course, a student should be able to:

— Demonstrate personnel and equipment safety standards and procedures
— State communication network standards and regulations
— Use communication network terminology correctly
— Describe the fundamentals of networking hardware and protocol
— Explain communication network advanced troubleshooting techniques and procedures
— Understand the globalization of electronics as imbedded humanities instruction
— Understand basic differences and similarities for global networking standards, regulation, as well as several standard and regulatory entities.

Course Outline:

I.   Course Overview

II.   Personal Safety

III.   Equipment Protection

IV.   Technologies

V.   Architectures

VI.   Connectivity

VII.   Systems and Data Protocols

VIII.   Network Security

IX.   Standards and Regulations

X.   International Standards and Regulatory entities