# IoT Fundamentals: Connecting Things 2.02

## Chapter 1: Things and Connections

- What are Things?
- What are Connections?

## Chapter 2: Sensors, Actuators, and Microcontrollers

- Learn Electronics
- Microcontrollers: The SparkFun Inventors Kit
- Packet Tracer 7 and the IoT

## Chapter 3: Software is Everywhere

- Programming
- The Raspberry Pi Single Board Computer (SBC)
- Bulding Models of IoT Systems in Packet Tracer

## Chapter 4: Networks, Fog and Cloud Computing

- Connecting Things to the Networks
- Fog and Cloud Computing

## Chapter 5: Digitization of the Business — IoT applications in Business

- The Cisco IoT Systems
- Industrial IoT Applications
- IoT Systems in the Real World

## Chapter 6: Create an IoT Solution

- Become a Global Problem Solver
- Design a Solution
- Create an IoT Systems
- The Business Aspects
- What is Next?