

# SE 322 : Internet of Things Application Development

This course is designed to provide students with technical knowledge and skills to build Internet of Things (IoT) systems and applications. The course will cover the design of microcontroller-based embedded systems. In addition, it will cover IoT paradigms, including the integration of various components such as sensors, actuators, and communication modules, IoT design considerations, constraints, and development processes for IoT applications in different sectors.

**Credits** 3

**Lab Hours** 0

**Lecture Hours** 3

**Tutoring Hours** 0

**Prerequisites**

SE 100, EE 305

**Corequisites**

None