
E96I INTERNET OF THINGS

COURSE SYLLABUS

Week	Topics
0	Course Introduction Introduction to Internet of Things Introduction to Course Resources – Tutorials and Reference Designs
1	IoT Microsensors and Microelectromechanical Systems Start Tutorial 1
2	Principles of Machine Learning and IoT Start Tutorial 2 and Complete Tutorial 1
3	Complete Demonstration of Neural Networks – Learning and Prediction Complete Tutorial 3
4	Introduction to EmbeddedML Complete Tutorial 10
5	Machine Learning Motion Recognition Project Planning Meetings Complete Tutorial 11
6	Machine Learning Motion Pattern and Rotation Sensing Project Planning Meetings Complete Tutorial 12
7	Introduction to Digital Signal Processing for IoT Complete Tutorial 13 Start Final Project Development
8	Introduction to Digital Signal Processing for IoT - Continued Introduce Inertial Sensing Tutorials Continue Final Project Development
9	Introduction to IoT Microprocessor Platforms Continue Final Project Development
10	Final Project Submissions