



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Industrial Internet of Things (IIoT)
Course Number: AIT121

Required Materials

Textbook(s): None
Required Readings: None
Additional Materials: Slides, video links and other reference materials through LMS

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
1	Syllabus/Survey/The Big Picture (Overview), Programming
2	Nodered Lab, Binary
3	Binary Lab, Controllers
4	Controllers Lab, Exam I
5	Networking, Networking Lab
6	Networking Lab
7	Inputs/Sensors, Outputs/Actuators
8	I/O Lab, Exam II
9	Vision Systems/Cameras, Vision Lab
10	Data/Database, Data Lab
11	Security, Security Lab
12	Cloud, Cloud Lab
13	Communications (Networking Part II), Communications Lab
14	Exam III, Additional Topics I
15	Additional Topics II, The Big Picture Revisited
16	Final Exam