

## Map of Course Outcomes & Topics & Assignments/Assessments

### Map of Course Outcomes & Topics

Course Number	CSE 521S
Course Title	Wireless Sensor Networks

#### Course Design

##### I. Course Level Learning Outcomes

*Upon successful completion of this course, students will be able to...*

<b>Example</b>	Recognize, describe, and explain social institutions.
<b>A.</b>	Understand software architecture of Internet of Things
<b>B.</b>	Evaluate wireless sensor network technologies and protocols
<b>C.</b>	Analyze sensor data to extract information
<b>D.</b>	Apply Internet of Things to diverse domains from healthcare to industry

## II. Mapping the Course

<b>Module</b>	<b>Module Topic</b>	<b>Assignments/Assessments</b>	<b>Learning Outcomes</b>
1	AWS IoT Cloud	Project practice	A, D
2	IoT Operating Systems	Paper critique	A, D
3	Project Proposal	Proposal and presentation	A, B, C, D
4	Low-power Wireless Networks	Paper critique	B
5	Clinical Monitoring	Paper critique	B, C, D
6	Civil Infrastructure Monitoring	Paper critique	A, C, D
7	Project Demo I	Project demo	A, D, C, D
8	Edge Computing	Paper critique	A
9	Cloud Computing	Paper critique	A
10	Project Demo II	Project demo	A, B, C, D
11	Wireless Control	Paper critique	A, B, D
12	Project Final Demo	Project demo and report	A, B, C, D