

ECEN5023-001, -001B, -740 – Reading List
Mobile Computing and Internet of Things Security
Week 4

Below is a list of required reading for this course. Questions from these readings plus the lectures from January 17th, 2017 onward will be on the weekly quiz.

1. Circuit Cellar: Electronic Compass: Tilt Compensation & Calibration
http://cache.nxp.com/files/sensors/doc/reports_presentations/ARTICLE_REPRINT.pdf
2. AN607: Si70XX HUMIDITY AND TEMPERATURE SENSOR DESIGNER 'S GUIDE
<https://www.silabs.com/Support%20Documents/TechnicalDocs/AN607.pdf>
3. AN580: Infrared Gesture Sensing
<https://www.silabs.com/Support%20Documents/TechnicalDocs/AN580.pdf>

Recommended readings. These readings will not be on the weekly quiz, but will be helpful in the class programming assignments and course project.

4. AN0013: Direct Memory Access
<http://www.silabs.com/Support%20Documents/TechnicalDocs/AN0013.pdf>
5. AN0021: Analog to Digital Converter
<http://www.silabs.com/Support%20Documents/TechnicalDocs/AN0021.pdf>