Senior Design Projects [1]

The Texas ECE Senior Design Projects provide a unique and supportive environment for industry to work with faculty on senior classroom projects. This mutually beneficial partnership supports academic excellence by ensuring the presence of a top ten ranked department, supporting Texas ECE’s educational mission, and by creating an environment where students can learn from a practical application of learning to real world problems; supports industry needs to present their problems as well as develop strong relationships with students and faculty; and supports the department in providing a robust and practical curriculum with industry expertise, equipment, and funding.

Upper division undergraduate students in Texas ECE complete a required capstone design course sequence. In the courses, students solve open-ended problems submitted by industrial collaborators. Students work in small groups over two semesters to identify an opportunity, define the problem, analyze competing needs and requirements, perform prior art and patent searches, develop alternative designs, carry out cost analyses, and select and implement a design solution.

Learn more [2] about industry collaboration opportunities with the Texas ECE senior design program.
Senior Design Projects

View List of Past Projects

View Projects By Semester

2016-2017 School Year: Fall 2016 | Spring 2017
2015-2016 School Year: Fall 2015 | Spring 2016
2014-2015 School Year: Fall 2014 | Spring 2015
2013-2014 School Year: Fall 2013 | Spring 2014
2012-2013 School Year: Fall 2012 | Spring 2013
2011-2012 School Year: Fall 2011 | Spring 2012
2010-2011 School Year: Spring 2011

Senior Design Photo Galleries

Fall 2016
Fall 2015 Spring 2015
Fall 2014 Spring 2014
Fall 2013 Spring 2013

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