Design with Honors Thesis Project

**ECE 4900H: Design with Honors Thesis Project**

**Description:**

Application of design principles and methodology to conceptual and detailed technical design, implementation and testing, culminating in a capstone design project.

The ECE 4900H is enrolled by petition only. Student must have an approved Honors Research Distinction proposal and submit a petition to Professor Clymer to state how the ABET components of the design course are to be met.

Please contact Professor Bradley Clymer: [Clymer.1@osu.edu](mailto:Clymer.1@osu.edu) for information on the petition process, or to go to the Carmen site for Undergraduate Research in ECE.

Prerequisite:

Honors standing, and permission of department, and:

Option 1: 2560, 3010, 3020, 3027, 3030, 3040, 3050, 3090, 3900, and senior standing, and enrollment in Electrical Engineering Program of Study (EES sub plan) of the ECE major. Prerequisite or concurrent: 3080.

Option 2: 2050 or 2100; 3020, 3027, 3090, 3561, 3567, 3900, CSE 2231, and 2451, and senior standing, and enrollment in Computer Engineering Program of Study (CES sub plan). Prerequisite or concurrent: 3080 and 5362.

Not open to students with credit for 4900, 4901, Engineering 4903, or 5902.01.

**Units:** 3 credit hours.

Subject

Electrical and Computer Engineering (ECE)