

MECH4382 - Senior Design Project II

[MECH 4382](#) Senior Design Project II (3 semester credit hours) Project-based capstone course. Student groups design, build, and test a device that solves an open-ended mechanical engineering design problem. [MECH 4381](#) focuses on background research, design, and engineering analysis, [MECH 4382](#) on prototype construction and testing. As designated MECH Writing-Intensive Courses, [MECH 4381](#) and [MECH 4382](#) also focus on the refinement of students' engineering communications skills and their use of writing as a critical-thinking and learning tool. Prerequisite: [MECH 4381](#). (3-0) Y