

New Course Name: Engineering Independent Research and Design - Fab Lab III

Prerequisite: Introduction to Engineering and Design (Fab Lab 121201-121202) and
Engineering Research and Design - Fab Lab II

Course Code:

Repeatable: Yes, course is repeatable for .5 elective credit

Location: Denfeld

Credit: .5 per semester

Grades: 10-12

This course is the capstone program of the Engineering and Design program. Students will work under the premise of “engineer almost anything”. Students will work to develop and research engineering and design fields such as: electrical, mechanical, civil, and machine technician. From this research, students will develop personalized projects to apply advanced skills in design and engineering concepts. This hands-on course will allow students independently on skills for future career pathways in STEM, Engineering and Design. Student will work closely with instructor on developing individual learning plan and standards.