

New Course Name: Engineering Research and Design- Fablab II

Prerequisite: Introduction to Engineering and Design (Fablab 121201-121202)

Course Code:

Location: Denfeld

Credit: .5 per semester

Grades: 9-12

This course builds off the skills learned in the Introduction courses. Students will research and apply skills in a variety of engineering and design fields such as: electrical, mechanical, civil, and machine technician. This hands-on course will allow students independently use STEM standard skills to design, prototype, and build a variety of projects using 2-D and 3-D software and fabricate almost anything using the equipment available to them in the FAB LAB. A great deal of emphasis is placed on learning at your own pace, creating things that interest you and mastery of software and equipment.

Juniors and seniors have the opportunity to receive three (3) articulation credits for this course from LSC. See your counselor or the class instructor for more details.