

# General Engineering (GEEN)

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**GEEN 1201** Engineering as a Career **2 SCH (1-3)**

Overview of the history of engineering, its disciplines and professional practice with emphasis on social responsibility and ethical behavior. Introduces each engineering discipline using three-week modules. It also provides basic skills, tools and techniques applied to problem solving, teamwork and communication necessary for academic and professional success.

**GEEN 4301** Multi-Disc Engr Design I **1-3 SCH (1-3)**

Phase one of major project of an original nature carried to completion over a period of two semesters. Completed course sequence may be substituted for senior design sequence (architectural, civil, environmental, and mechanical engineering and computer science) or final senior design course (chemical, electrical, and natural gas engineering) as appropriate to student's major. Prerequisites: Permission of student's department chair and senior standing in engineering.

**GEEN 4302** Multi-Disc Engr Design II (WI) **2-3 SCH (2-3)**

Phase two of a major project of an original nature carried to completion over a period of two semesters. Completed course sequence may be substituted for senior design sequence (architectural, civil, environmental, and mechanical engineering and computer science) or final senior design course (chemical, electrical, and natural gas engineering) as appropriate to student's major. Prerequisite: GEEN 4301.