

# G E - General Engineering

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## General Engineering: G E

### Lower-Division Courses

#### **G E 102E, 202E. Supplemental Instruction for Electrical and Computer Engineering 302.**

Restricted to engineering majors. Development of problem-solving skills in the material covered in Electrical and Computer Engineering 302. For each semester hour of credit earned, two hours of supplemental instruction a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Electrical and Computer Engineering 302.

#### **G E 104J, 204J. Supplemental Instruction for Mathematics 427J.**

Restricted to engineering majors. Development of problem-solving skills in the material covered in Mathematics 427J. For each semester hour of credit earned, two hours of supplemental instruction a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Mathematic 427J.

#### **G E 105G. Supplemental Instruction for Mathematics 305G.**

Restricted to engineering majors. Development of problem-solving skills in the material covered in Mathematics 305G. For each semester hour of credit earned, two hours of supplemental instruction a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Mathematic 305G.

#### **G E 106D, 206D. Supplemental Instruction for Chemistry 301.**

Restricted to engineering majors. Development of problem-solving skills in the material covered in Chemistry 301. For each semester hour of credit earned, two hours of supplemental instruction a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Chemistry 301.

#### **G E 106E, 206E. Supplemental Instruction for Chemistry 302.**

Restricted to engineering students. Development of problem-solving skills in the material covered in Chemistry 302. For each semester hour of credit earned, two hours of supplemental instruction a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Chemistry 302.

#### **G E 107C, 207C. Supplemental Instruction for Mathematics 408C.**

Restricted to engineering majors. Development of problem-solving skills in the material covered in Mathematics 408C. For each semester hour of credit earned, two hours of supplemental instruction a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Mathematics 408C.

#### **G E 107D, 207D. Supplemental Instruction for Mathematics 408D.**

Restricted to engineering majors. Development of problem-solving skills in the material covered in Mathematics 408D. For each semester hour of credit earned, two hours of supplemental instruction a week

for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Mathematics 408D.

#### **G E 207E. Supplemental Instruction for Mathematics 340L.**

Restricted to engineering students. Development of problem-solving skills in the material covered in Mathematics 340L. Two two-hour discussion sections a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Mathematics 340L.

#### **G E 207K. Supplemental Instruction for Mathematics 427K.**

Restricted to engineering students. Development of problem-solving skills in the material covered in Mathematics 427K. Two two-hour discussion sections a week for one semester. May not be counted toward any engineering degree. Offered on the letter-grade basis only. Prerequisite: Concurrent enrollment in Mathematics 427K.

#### **G E 207L. Supplemental Instruction for Mathematics 427L.**

Restricted to engineering students. Development of problem-solving skills in the material covered in Mathematics 427L. Two two-hour discussion sections a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Mathematics 427L.

#### **G E 207R. Supplemental Instruction for Mathematics 408K.**

Restricted to engineering students. Four lecture hours a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Mathematics 408K.

#### **G E 207S. Supplemental Instruction for Mathematics 408L.**

Restricted to engineering students. Four lecture hours a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Mathematics 408L.

#### **G E 207T. Supplemental Instruction for Mathematics 408M.**

Restricted to engineering students. Four lecture hours a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Mathematics 408M.

#### **G E 108K, 208K. Supplemental Instruction for Physics 303K.**

Restricted to engineering majors. Development of problem-solving skills in the material covered in Physics 303K. For each semester hour of credit earned, two hours of supplemental instruction a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Physics 303K.

#### **G E 108L, 208L. Supplemental Instruction for Physics 303L.**

Restricted to engineering majors. Development of problem-solving skills in the material covered in Physics 303L. For each semester hour of credit earned, two hours of supplemental instruction a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Physics 303L.

#### **G E 209. Supplemental Instruction for Engineering Courses.**

Restricted to engineering students. Development of problem-solving skills in the material covered in selected engineering courses. Two two-hour discussion sections a week for one semester. May not be counted toward any engineering degree. May be repeated for credit when the topics vary. Offered on the letter-grade basis only. Prerequisite: Varies with the topic.

**G E 109C, 209C. Supplemental Instruction for Engineering Mechanics 306.**

Restricted to engineering majors. Development of problem-solving skills in the material covered in Engineering Mechanics 306. For each semester hour of credit earned, two hours of supplemental instruction a week for one semester. May not be counted toward any engineering degree. May be repeated for credit. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Engineering Mechanics 306 and consent of instructor.

**G E 109D, 209D. Supplemental Instruction for Engineering Mechanics 319.**

Restricted to engineering majors. Development of problem-solving skills in the material covered in Engineering Mechanics 319. For each semester hour of credit earned, two hours of supplemental instruction a week for one semester. May not be counted toward any engineering degree. May be repeated for credit. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Engineering Mechanics 319 and consent of instructor.

**G E 212. Supplemental Instruction for Electrical Engineering 312.**

Restricted to engineering students. Development of problem-solving skills in the material covered in Electrical Engineering 312. Two two-hour discussion sections a week for one semester. May not be counted toward any engineering degree. Offered on the pass/fail basis only. Prerequisite: Concurrent enrollment in Electrical Engineering 312.

**G E 119, 219, 319. Topics in Engineering.**

Restricted to engineering students. Topics to supplement lower-division engineering curriculum. For each semester hour of credit earned, the equivalent of one lecture hour a week for one semester. Engineering Studies 119, 219, 319 and General Engineering 119, 219, 319 may not both be counted unless the topics vary. May be repeated for credit when the topics vary. Offered on the pass/fail basis only. Prerequisite: Varies with the topic.

## **Upper-Division Courses**

**G E 222. Topics in Professional Development.**

Restricted to engineering students. Small-group seminar involving reading, discussion, and oral reports. Two lecture hours a week for one semester. Only one of the following may be counted unless topics vary: Engineering Studies 122, 222, 322, 321G (or 322G), General Engineering 222. May be repeated for credit when the topics vary. Offered on the pass/fail basis only.

## **Graduate Courses**

## **Professional Courses**