

Civil Engineering (CE)

- 3rd Year: 5th Semester: Engr 2, 2L, 130, 131, 131L, 164, 164L, Psych 10
 6th Semester: Engr 135, 137, 138, 165, 165L, literature or philosophy; approved electives
- 4th Year: 7th Semester: Engr 134, 143, 150, 150L, 170; social science; approved electives
 8th Semester: Engr 133, 142, 151, 151L or 156, 156L; 172; biological science; elective
 (Approved electives from: Engr 101, 102, 103, 104, 139, 141, 144, 145, 171, 173, Geology)

Electrical and Electronics Engineering (EE)

- 3rd Year: 5th Semester: Engr 130, 131, 152, 152L, 155, 155L, 156, 156L
 6th Semester: Engr 131L, 151, 151L, 153, 153L, 157, 157L, 164, 164L
- 4th Year: 7th Semester: Engr 165, 165L, biological science, literature or philosophy; approved elective; elective
 8th Semester: Engr 170, 172, Psych 10, history, arts; approved elective
 (Approved electives from: Engr 158, 158L, 171, 173, 180, 180L, 181, 181L)

Industrial Engineering (IE)

- 3rd Year: 5th Semester: Engr 130, 131, 131L, 164, 164L, Bus Ad 124, Econ 1A
 6th Semester: Engr 110, 121, 150, 150L, 165, 165L, Econ 1B
- 4th Year: 7th Semester: Engr 111, 151, 151L, 170, Acct 1A, Psych 10; approved elective
 8th Semester: Engr 156, 156L, 172, biological science, literature or philosophy, social science; approved elective
 (Approved electives from: Acct 1B, Bus Ad 151, 161, Engr 122, 139, 171, 173, Math 51 or 131)

Mechanical Engineering (ME)

- 3rd Year: 5th Semester: Engr 130, 131, 150, 150L, 164, 164L, Psych 10
 6th Semester: Engr 121, 139, 151, 151L, 165, 165L, literature or philosophy
- 4th Year: 7th Semester: Engr 122, 131L, 156, 156L, 166, 166L, social science; approved elective
 8th Semester: Engr 136, 170, 172, biological science; approved elective; elective
 (Approved electives from: Engr 123, 124, 145, 162, 162L, 171, 173, 181, 181L)

Courses**ENGINEERING**

Note: Associated lecture and laboratory courses must be taken concurrently except as indicated in course sequences.

1. Plane Surveying: Elementary (2)

Prerequisite: Math 29, 30, one year of mechanical drawing, or permission of instructor. Familiarization with surveying instruments; calculations; topographic surveying.

1L. Plane Surveying: Elementary Laboratory (1)

Field practice in measurements of distance, and in use of level, transit, and plane table in solution of practical problems. (3 lab hours; field trips)

2. Plane Surveying: Advanced (2)

Prerequisite: Engr 1, 1L. Theory and computations covering land surveying; engineering astronomy; introduction to route surveying.