

ENGINEERING TECHNOLOGY (ENTC)

ENTC 1505 Engineering Technology Concepts 4 s.h.

The role of the technician, technologist, engineer and scientist in the technology team; a study of basic mathematical, scientific, and communicative techniques as applied to the work of engineering technologists; ethical, global, and societal issues facing the engineering technology professional. Three hours lecture, three hours lab per week. Grading is A, B, C, NC.

Prereq.: Grade of "C" or better in MATH 1510 or 1510C or higher.

Prereq. or Coreq.: MATH 1511 or 1511C or 1513.

ENTC 3799 Professional Practice in Engineering Technology 1 s.h.

This course provides students with cooperative education experiences in various engineering technology disciplines. To receive credit for the course, the student is expected to work at the assignment a minimum of 400 hours, submit a report of activities, and obtain approval of the department Professional Practice Committee. Course may be repeated up to a maximum of 3 s.h. toward the BSAS. Students are considered full-time even though only 1 s.h. is given for each course. Grading: PR, CR, NC.

Prereq.: Consent of department chairperson.

ENTC 4895 Independent Engineering Technology Project 1-4 s.h.

Individual study under direction of a faculty member. Written and oral report required. May be repeated for a maximum of 4 s.h.

Prereq.: Junior standing, consent of instructor, and prior approval of the project by the IETP committee of engineering technology faculty.