

ENTC - ENGINEERING TECHNOLOGY

ENTC 1323 Strength of Materials 3 Credit Hours (2 Lec, 3 Lab)

Study of the relationship between externally applied forces and internally induced stresses and the resulting deformations in structural members.

Course Type: Technical/Vocational Course

ENTC 1391 Special Topics in Engineering Technology, General 3 Credit Hours (2 Lec, 3 Lab)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

Course Type: Technical/Vocational Course

ENTC 1443 Statics 4 Credit Hours (3 Lec, 2 Lab)

A study of the composition and resolution of forces and the equilibrium of forces acting on structures. Includes the concepts of friction, moments, couples, centroids, and moment of inertia.

Course Type: Technical/Vocational Course

ENTC 1491 Special Topics in Engineering Technology, General 4 Credit Hours (3 Lec, 2 Lab)

Topics address recently identified current events, skills, knowledge, and/or attitudes and behaviors pertinent to the technology or occupation and relevant to the professional development of the student. This course was designed to be repeated multiple times to improve student proficiency.

Course Type: Technical/Vocational Course

ENTC 2380 Cooperative Education - Engineering Technology, General 3 Credit Hours (1 Lec, 15 Lab)

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component

Course Type: Technical/Vocational Course