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# COURSES

**ENT 131 TECHNICAL DRAWING****1 Lecture Hour 1 Lab Hour 1 Credit Hour**

This course provides an introduction to the field of engineering drawing and sketching. Topics include 3-dimensional sketching, orthographic projection, sectioning, isometric presentation, dimensioning and labeling. The student will be introduced to specifications, schematic drawings and the machine shop processes. Assignments will be completed using hand sketching and Computer Assisted Drafting.

**ENT 271 SPECIAL STUDY PROJECT I****1 Lecture Hour 0 Lab Hours 1 Credit Hour**

A special learning experience designed by one or more students with the cooperation and approval of a faculty member. Proposed study plans require departmental approval. Projects may be based on reading, research, community service, work experience, or other activities that advance the student's knowledge and competence in the field of engineering technologies or related areas. The student's time commitment to the project will be approximately 35-50 hours.

**ENT 272 SPECIAL STUDY PROJECT II****2 Lecture Hours 0 Lab Hours 2 Credit Hours**

Similar to ENT 271, except that the student's time commitment to the project will be approximately 70-90 hours.

**ENT 273 SPECIAL STUDY PROJECT III****3 Lecture Hours 0 Lab Hours 3 Credit Hours**

Similar to ENT 271, except that the student's time commitment to the project will be approximately 105-135 hours.