EGR-125 Appl Software for Tech 2 (1-2) AND
Prerequisites: None
Corequisites: None
This course introduces personal computer software and teaches students how to customize the software for technical applications. Emphasis is placed on the use of common office applications software programs such as spreadsheets, word processing, graphics, and internet access. Upon completion, students should be able to demonstrate competency in using applications software to solve technical problems and communicate the results in text and graphical formats.(2005 SP)

EGR-150 Intro to Engineering 2 (1-2) Fall Spring
Prerequisites: None
Corequisites: None
This course is an overview of the engineering profession. Topics include goal setting and career assessment, ethics, public safety, the engineering method and design process, written and oral communication, interpersonal skills and team building, and computer applications. Upon completion, students should be able to understand the engineering process, the engineering profession, and utilize college resources to meet their educational goals.(2005 SP) This course has been approved to satisfy the following requirement(s):
- Premajor and/or Elective course for A.A. and A.S.
- Other Required Hours course for A.E.

EGR-220 Engineering Statics 3 (3-0) AND
Prerequisites: PHY-251[S]
Corequisites: MAT-272[S]
This course introduces the concepts of engineering based on forces in equilibrium. Topics include concentrated forces, distributed forces, forces due to friction, and inertia as they apply to machines, structures, and systems. Upon completion, students should be able to solve problems which require the ability to analyze systems of forces in static equilibrium.(1997 FA) This course has been approved to satisfy the following requirement(s):
- Premajor and/or Elective course for A.A. and A.S.
- Other Gen. Ed. and Premajor Elective course for A.E.

EGR-251 Statics 3 (2-2) Summer
Prerequisites: ARC-111[L], CEG-115[L] or EGR-115[L]
Corequisites: MAT-121[L] or MAT-171[L]
This course covers the concepts and principles of statics. Topics include systems of forces and moments on structures in two- and three-dimensions in equilibrium. Upon completion, students should be able to analyze forces and moments on structures.(2013 FA)