

EGS: ENGINEERING: SUPPORT

Courses

Courses	Credits	Lab
EGS 1006C. INTRODUCTION TO THE ENGINEERING PROFESSION. INTRODUCTION TO THE ENGINEERING PROFESSION This course is an overview of academic and professional requirements in various engineering disciplines. This course covers various concepts such as engineering ethics, effective team building skills, technical presentation skills, and networking.	1	2 1
EGS 2004. ELECTRICAL NETWORKS. ELECTRICAL NETWORKS Prerequisites: PHY 2049C & MAP 2302 with a C or better or departmental approval. Analysis and design of linear circuits, transients, AC analysis, power calculations, and three-phase circuits.	3	3 0
EGS 2373. PRINCIPLES OF ELECTRICAL ENGINEERING. PRINCIPLES OF ELECTRICAL ENGINEERING Prerequisites: Minimum grade of a C in PHY 2049C Prerequisite/Corequisite: Minimum grade of a C in MAP 2302 Fundamental laws of electrical circuits and circuit analysis. Fundamentals of electronics power systems.	3	3 0
EGS 2941. INTERNSHIP FOR ENGINEERING. INTERNSHIP FOR ENGINEERING Prerequisites: EGS 1006 & EGN 1007C & EGS 2310 & MAC 2311. Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; a minimum 2.0 institutional or overall GPA; and 12 credits, including EGS 1006, EGN 1007C, EGS 2310, and MAC 2311. The Program Director/Program Chair/Program Coordinator or Internship Placement Office has the discretion to provide override approval as it relates to the waiver of required program/discipline-related courses. This course is a planned work-based experience that provides students with supervised career exploration activities and/ or practical experiences. Each earned credit of internship requires a minimum of 80 clock hours of work. Multiple credit course. May be repeated for credit, but grade forgiveness cannot be applied. (Internship Fee: \$10.00).	1-4	Variable