EGS: ENGINEERING: SUPPORT

Courses

	Credit(s)	Contact	Lab
EGS 1006C. INTRODUCTION TO THE ENGINEERING PROFESSION.	1	2	1

INTRODUCTION TO THE ENGINEERING PROFESSION This course is an overview of academic and professional requirements in various engineering disciplines. This course covers important concepts such as engineering ethics, effective team building skills, technical presentation skills, and networking.

EGS 2004. ELECTRICAL NETWORKS.	3	3	0

ELECTRICAL NETWORKS Prerequisites: Minimum grades of a C or better in PHY 2049C and MAC 2313. Prerequisite/Corequisite: Minimum grade of a C in MAP 2302 Analysis and design of linear circuits, transients, AC analysis, power calculations, and three-phase circuits.

EGS 2373. PRINCIPLES OF ELECTRICAL ENGINEERING.	3	3	0

PRINCIPLES OF ELECTRICAL ENGINEERING Prerequisites: Minimum grades of a C or better in PHY 2049C and MAC 2313. Prerequisite/ Corequisite: Minimum grade of a C in MAP 2302 Fundamental laws of electrical circuits and circuit analysis. Fundamentals of electronics power systems.

EGS 2941. INTERNSHIP FOR ENGINEERING.	1-4	variable

INTERNSHIP FOR ENGINEERING Prerequisites: Satisfactory completion of all mandated courses in reading, mathematics, English, and English for Academic Purposes; 12 credits, including EGS 1006C, EGN 1007C, MAC 2311, and PHY 2048C; and Internship Office approval. 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).