

# EGS-ENGINEERING: SUPPORT

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**EGS 1006C Introduction to the Engineering Profession (1 Credit )**

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.

**EGS 2004C Electrical Networks (3 Credits )**

Analysis and design of linear circuits, transients, ac analysis, power calculations, three-phase circuits.

**Prerequisite:** C or higher in MAC 2313, PHY 2049C, and MAP 2302  
(MAP 2302 may also be taken as a corequisite)

**EGS 2373 Principles of Electrical Engineering (3 Credits )**

Fundamental laws of electrical circuits and circuit analysis.  
Fundamentals of electronics power systems.

**Prerequisite:** C or higher in PHY 2049C, MAC 2313, and MAP 2302  
(MAP 2302 may also be taken as a corequisite)