

RECOMMENDATION

From the

ENGINEERING TECHNOLOGY FORUM

April 23, 2009, held at St. Petersburg College

New Taxonomy Definition

ENGINEERING TECHNOLOGIES

Courses associated with applied engineering focused on the practical aspects of the specific technical disciplines preparing students to do one or more of the following: analyze, assemble, design, fabricate, install, operate, troubleshoot, maintain, or manage engineering and related systems.

The following course prefixes, titles, and definitions are presented in this final draft under this new Engineering Technologies discipline. Some prefixes are changed to reflect consistency and the definitions have been rewritten to bring these areas up to current standards.

CET – Computer Engineering Technology:

Courses related to computer hardware and software.

(New Prefix- from EET)

ETE – Engineering Technologies: Electronics

Courses stress practical knowledge related to analog/digital and related electrical/electronics courses.

(New Prefix and Title-from EST, Electronic Specialty Technology)

ETS – Engineering Technologies: Specialty

Multi discipline, and/or specialty courses.

ETC - Engineering Technologies: Civil

Courses stress specialized, practical knowledge related to mathematical, scientific, technical, engineering, and related science in support of civil engineering and urban planning.

ETD - Engineering Technologies: Drafting

Courses include the use of equipment and computers to design, draft, and interpret mechanical, architectural, civil, electrical, and structural documents.

ETG – Engineering Technologies: General

Courses related to the mathematical, scientific, technical, engineering and related science.

ETI – Engineering Technologies: Industrial

Courses stress the mathematical, scientific, or technical knowledge that relates to the support of industrial systems including the aspects of industrial processes and social science.

ETM – Engineering Technologies: Mechanical

Courses related to mechanics, fluids, and heat transfer.