Catalog 2020-2021 Information

Electrical / Instrumentation Technology 369

ETEC-009   ETEC Mathematics

72 total hours lecture   **4 Units**

CO-REQUISITE: ETEC-010
ADVISORY: The equivalent of a C- or better in high school Algebra I,
Integrated Math I, MATH-025 or MATH-029

**This course meets the math requirements for the Associate of
Science degrees in Electrical Technology and Instrumentation
Technology. In this course math is taught in the context of
problems commonly encountered by electronic and
instrumentation technicians. Content includes analyzing graphs
and schematic diagrams; using scientific notation and engineering
notation; executing unit conversions; solving equations; calculating
with fractions, complex fractions, logarithms and percentages;
graphing complex numbers; applying right-triangle trigonometry;
and utilizing methods and formula common to the fields of
electrical and instrumentation technology. May not be repeated.
SC**

LMC: ADR: Language and Rationality: Communication and Analytical
Thinking; DA

TRANSFER: CSU