Associate in Science

COT Pathway Program: Technology Studies - Electrical Option (EF06) 2015-2016 Catalog

Transfer Program: The pre-technology, electrical option pathway offers a core of courses that will provide the foundation for the bachelor of science degree in Electrical Engineering Technology at Central Connecticut State University. Continuation requirements include a minimum grade of “C” and 64 hours of college credit as listed below.

Outcomes:

- Understand the basic principles of the physical sciences.
- Perform a scientific experiment and interpret the results.
- Complete the general education courses in satisfaction of the associate degree requirements.

Note: All courses may not be offered at HCC

Suggested Sequence of Courses:
Prerequisite or parallel courses may be required. Please check individual course descriptions for details.

1 Behavioral Science  Elective  3
2 Fine Arts  Elective  3
3 Humanities (2 courses)  Electives  6
4 Social Science (2 courses)  Electives  6
ENG* E101  Composition  3
MAT* E167  Principles of Statistics  3
CSA* E106  Introduction to Computer Applications  4
CAD* E133  CAD Mechanical AutoCad  3
MAT* E137  Intermediate Algebra  3
MAT* E186  Precalculus  4
COM* E173  Public Speaking  3
CHE* E121  General Chemistry I  4
PHY* E121  General Physics I  4
MFG* E209  Engineering Processes  3
4 Directed Electives (5 courses)  See Advisor  15

Total Credits: 67

1 Psychology or Sociology
2 Art or Music
3 History or Economics

4 These electives may not be available at HCC.

Note: A minimum of 15 credits must be taken in 200-level courses.

Note: For degree completion the student must complete the Computer Literacy Requirement.