



Associate in Science

COT Pathway Program: Technology Studies (EF11) 2015-2016 Catalog

Transfer Program: The pre-technology pathway offers a core of courses that will provide the foundation for the bachelor of science degree in Engineering Technology, Industrial Technology or Technology Education 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.

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|---|---|----|
| ENG* E101 | Composition | 3 |
| ENG* E102 | Literature & Composition | 3 |
| COM* E173 | Public Speaking | 3 |
| Fine Art/Humanities | Elective | 3 |
| History | Elective | 3 |
| CHE* E111 | Concepts of Chemistry | 4 |
| <i>OR</i> | | |
| CHE* E212 | Organic Chemistry II | |
| PHY* E121 | General Physics I | 4 |
| <i>OR</i> | | |
| PHY* E122 | General Physics II | |
| MAT* E137 | Intermediate Algebra | 3 |
| ECN* E102 | Principles of Micro-Economics | 3 |
| SOC* E101 | Principles of Sociology | 3 |
| CSA* E106 | Introduction to Computer Applications | 4 |
| BBG* E101 | Introduction to Business | 3 |
| BBG* E281 | Writing and Research in Business and Industry | 3 |
| MAT* E186 | Precalculus | 4 |
| MFG* E230 | Statistical Process Control (SPC) | 3 |
| CAD* E133 | CAD Mechanical AutoCad | 3 |
| MFG* E102 | Manufacturing Processes | 3 |
| ¹ Directed Electives (4 courses) | See Advisor | 12 |

Total Credits: **67**

¹ These electives are courses which 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.