APPLIED TECHNOLOGY SPECIALIST (CCC)

Previous Degree Required: HS Diploma
Eligible for Financial Aid: Yes
Delivery Method(s): On-Campus
Location(s): Cocoa, Melbourne, Palm Bay, Titusville
Limited Access: No
Program Testing Requirements: Not Required
Academic Community: INMC Industry/Manufacturing and Construction
Program Code: ATCC
Classification of Instructional Programs (CIP) Code: 15.0612
Florida Department of Education CIP Code: 0615061203

This certificate is part of the A.S. Engineering Technology degree program.

This certificate program will prepare the student for entry-level employment in electronics assembly field, or to provide supplemental training for individuals previously or currently employed. Credits earned in this certificate also apply to the A.S. Engineering Technology degree.

Refer to the College Credit Certificate overview page to find information about admission, graduation, general education and other requirements.

Visit the program page for more information.

Program of Study

Code	Title	Credit Hours
Major Courses		
EET 1084	Introduction to Electronics	3
EETC 1610	Through-Hole and Surface-Mount Soldering	3
ETMC 1010	Mechanical Measurement	1
EETC 2620	Advanced Surface-Mount Soldering Technology	3
ETIC 2001	Applied Manufacturing Mechanics	3
ETSC 1240	Fiber Optic Technologies	3
Total Hours:		**16**

Course Sequence

Below is the recommended sequence for taking courses in this degree. Using this guide and meeting with your assigned advisor each term is the key to successful program completion.

Please note that course prerequisites, including required developmental math, reading, or writing, need to be completed to continue on to the more advanced course. Click on the course number to see the requirements.

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ETSC 1240	Fiber Optic Technologies	3
Total Hours:		**16**

Learning Outcomes

1. Demonstrate knowledge of basic laws of electronics
   - *Core Ability Supported: Think Critically and Solve Problems*
2. Demonstrate proficiency using tools, instruments and testing devices
   - *Core Ability Supported: Think Critically and Solve Problems*