

APPLIED TECHNOLOGY SPECIALIST, COLLEGE CREDIT CERTIFICATE

Program Code: ATCC
Meta-Major: INMC
Location(s): Cocoa, Melbourne, Palm Bay, Titusville
Delivery Method(s): On-Campus
Previous Degree Required: HS Diploma
Eligible for Financial Aid: Yes
Additional Limited Access Application Process Required: No
Program Testing Requirements:
Classification of Instructional Programs (CIP) Code: 15.0612
Florida Department of Education CIP Code: 0615061203

This certificate is part of the [Engineering Technology A.S.](#) 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 [Associate in Science \(A.S.\) degree in Engineering Technology](#). [Visit the program page for more details and how to apply.](#)

Certificate Requirements

Code	Title	Credit Hours
Major Courses		
EET 1084	Introduction to Electronics	3
EETC 1610	Through-Hole and Surface-Mount Soldering	3
EETC 2620	Advanced Surface-Mount Soldering Technology	3
ETMC 1010	Mechanical Measurement	1
ETSC 1240	Fiber Optic Technologies	3
PMTC 1203	Introduction to Machining	3
Total Credit Hours		16

Learning Outcomes: Applied Technology Specialist, College Credit Certificate

- Demonstrate proficiency using engineering drafting software.
 - Supports Core Ability: *Think Critically and Solve Problems*
- Demonstrate industrial safety, health, and environmental requirements.
 - Supports Core Ability: *Process Information*
- Demonstrate methods of quality assurance in manufacturing.
 - Supports Core Ability: *Process Information*
- Demonstrate modern industrial processes and materials.
 - Supports Core Ability: *Process Information*
- Demonstrate proficiency using tools, instruments and testing devices
 - Supports Core Ability: *Think Critically and Solve Problems*