

AEROSPACE TECHNICIAN, COLLEGE CREDIT CERTIFICATE

Previous Degree Required: HS Diploma

Eligible for Financial Aid: Yes

Delivery Method(s): On-Campus

Location(s): Cocoa

Additional Limited Access Application Process Required: Yes

Program Testing Requirements:

Academic Community: STEM Science, Technology, Engineering, and Mathematics

Program Code: ARCC

Classification of Instructional Programs (CIP) Code: 15.0801

Florida Department of Education CIP Code: 0615080103

This certificate is part of the [Aerospace Technology A.S.](#) degree program.

This program prepares students for employment as aerospace technicians who assemble, service, test, operate, and repair systems associated with both expendable and reusable space launch vehicles, payloads, related laboratories, and ground support equipment. This program also provides supplemental training for persons previously or currently employed in this industry.

[Visit the program page for more details and how to apply.](#)

Certificate Requirements

Code	Title	Credit Hours
Major Courses		
AFR 1100	Introduction to the Aerospace Workplace	3
EETC 1005	Basic Electricity/Electronics	4
EETC 2609	Electronic Fabrication and Fiber Optics	3
ETIC 1830	Materials and Processes 1	3
ETIC 1832	Materials and Processes 2	3
ETIC 1850	Aerospace Systems ¹	4
ETIC 1852	Aerospace Test and Measurements	4
ETIC 1853	Aerospace Safety and Quality	3
ETIC 1855	Aerospace Structural Fabrication 1	3
ETIC 2411	Technical Task Analysis/Implementation	3
ETIC 2851	Applied Mechanics	4
ETIC 2856	Aerospace Structural Fabrication 2	3
ETMC 2318	Aerospace Fluid Systems	3
Total Credit Hours		43

1

ETIC 1850 Aerospace Systems has the prerequisite of MAC 1105 College Algebra.