

Aerospace Technologies

(PROGRAM #8600080)

The Aerospace Technologies pathway prepares students for careers that require the assembling, repairing, maintaining or operating of aircrafts and spacecrafts.

Students in this pathway will participate in the following Career Technical Student Organization(s) (CTSO). FL-TSA, SkillsUSA

SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)

PROFESSIONAL CAREER CERTIFICATIONS*

Industry Certification Title	CAPE college credits	Graduation online course requirement	Math/Sci Waiver (non-EOC)
Microsoft Office Specialist	N/A	YES	N/A
FAA Ground School	3 credits	YES	YES
Small UAS Safety Certification	N/a	YES	NO
Visual Line of Sight System Operator	N/A	YES	NO

POST SECONDARY OPTIONS

Options	Pathway	Career**	Avg. Salary**
COLLEGE / UNIVERSITY ENROLLMENT	Aeronautical Science BS Aeronautical Engineering BS Aerospace Engineering AA	Commercial Pilot Aerospace Engineer Aircraft Mechanic Air traffic controller	\$72,497 \$88,653 \$25.09 / hr \$56,514
REGISTERED APPRENTICESHIP	N / A	N / A	N / A
WORKFORCE	Aerospace Industry	Airport grounds crew Flight attendant Passenger service agent	\$12.04 / hr \$32,597 \$11.26 / hr

COLLEGE SCHOLARSHIPS

<p>Florida Gold Seal Vocational Scholars (GSV)</p> <p>Funds 2-year programs: Technical College certificate or State College degree</p>	<p>The Florida Gold Seal Vocational Scholars (GSV) can be used to fund a career education or certificate program at a Technical or State College.</p> <p>To earn this scholarship students must:</p> <ul style="list-style-type: none"> • Complete 3 credits within a single pathway • 3.0 weighted core GPA • 3.5 unweighted GPA in the pathway courses • Minimum college ACT, SAT, or PERT scores <p>Click here to see the full eligibility requirements: www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf</p>
<p>Florida Gold Seal CAPE Scholars (GSC)</p> <p>Funds a 2+2 bachelor's degree (BS or BAS)</p>	<p>The Florida Gold Seal CAPE Scholars award (GSC) can be used to fund a career education or certificate program.</p> <p>To earn this scholarship students must:</p> <ul style="list-style-type: none"> • Pass Industry Certification exam(s) equaling 5 or more college credits • Document a minimum of 30 service hours <p>Click here to see the full GSC eligibility requirements: www.floridastudentfinancialaid.org/SSFAD/PDF/BFHandbookChapter1.pdf</p> <p>Click here to see Industry Certification awarded college credits: http://www.fldoe.org/academics/career-adult-edu/career-technical-edu-agreements/industry-certification.stml</p>

SCHOOLS OFFERING THIS PATHWAY

High Schools:	Boyd Anderson Miramar Plantation
Middle Schools:	Any middle school offering the Intro to Engineering Design high school course

COURSE PROGRESSION

Course	Course #	Teacher Certification
Aerospace Technologies I (honors) (science)	8600580	TECH ED
Aerospace Technologies II (honors) (science)	8600680	
Aerospace Technologies III (honors) (science)	8601780	

CAREER PATHWAY OPPORTUNITIES

CTE pathways offer students opportunities to continue their education after high school. Dual Enrollment pertains to students taking college courses while enrolled in high school. Articulation agreements allow students to earn college credit for CTE courses and industry certifications earned in high school.

Workplace Experience	CTE students have the opportunity to complete a pre-professional learning experience the summer after 11 th grade in their chosen field of study or career interest. www.browardschools.com/CTACE
Broward Technical Colleges	Students who have passed courses in a high school CTE program or earned an Industry Certification can apply those credits to the aligned postsecondary program. Contact a BTC Counselor for more information or follow the link to see how you can save time and money when you attend a Broward Technical College. http://www.browardtechnicalcolleges.com/articulation-agreement
Broward College	Students who complete a CTE pathway or earn an Industry Certification that aligns with Broward College's Associate of Science degree programs can earn FREE college credit. www.broward.edu/academics/cpl/pages/high-school.aspx

*Industry certifications offered may vary by school.
**Salary data collected from Indeed.com, 04/2017

CONTACT INFORMATION

Broward County Public Schools: Career, Technical, Adult and Community Education
754-321-8400 www.BrowardSchools.com CTACE@BrowardSchools.com

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