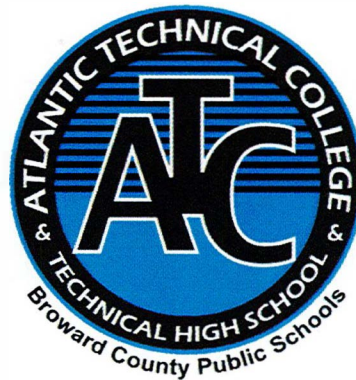




CITY OF FORT LAUDERDALE



Broward County
Public Schools



AVIONICS SYSTEMS TECHNICIAN



What is Avionics?



Avionics Technicians are specialists who repair and maintain a plane's electronic instruments, such as radio communication devices and equipment, radar systems, and navigation aids. As the use of digital technology increases, more time is spent maintaining computer systems, thus increasing the supply and demand for the avionics field!

**Median Income:
\$64,000**

**Lowest 10% earn:
\$39,940**

**Highest 10% earn:
\$94,710**

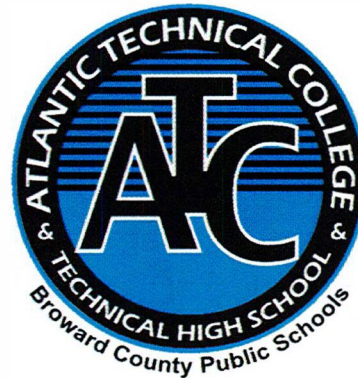




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THE AVIONICS PARTNERSHIP



PARTNERSHIP PLAN

1. Annually train a group of 20 – 25 adult and high school students to become Avionics Technicians.
2. Partner with the local aviation community to provide student internships, and hands-on, real-world experiences.
3. Partner with the local aviation community to employ students once they complete the Avionics Systems Technician program.
4. Pledge to support the recruitment and enrollment of potential high school students interested in Avionics who reside in the City of Fort Lauderdale.

(Fort Lauderdale HS, Dillard HS, Northeast HS, Boyd Anderson HS, Sheridan Technical HS)



High School and Career Dual Enrolled Students WE CURRENTLY SERVE

163 Career Dual Enrolled Students from area high schools North of Sunrise Blvd

- **4 of these students reside in the City of Fort Lauderdale**

620 ATC Out Of Boundary Magnet Students who reside North of Sunrise Blvd

- **167 9th grade students; 4 of these students reside in the City of Fort Lauderdale**
- **157 10th grade students; 5 of these students reside in the City of Fort Lauderdale**
- **161 11th grade Career Dual Enrolled students; 6 of these students reside in the City of Fort Lauderdale**
- **145 12th grade Career Dual Enrolled students; 1 of these students reside in the City of Fort Lauderdale**

We currently serve 20 students who reside in the City of Fort Lauderdale



**What are the benefits of training to become an
Avionics Systems Technician at ATC?**

Atlantic Technical College is Home of the FAB 4



1. College Ready High School Diploma
2. Technical Program Certificate of Completion
3. Industry Credentials/Licenses
 - CompTIA A+
 - CETa Certified Electronics Technician Associate
 - Electrical ER
 - OSHA 10 Hours Safety
4. Articulated College Credit
 - 24 credits transferable to Broward College (possibility discussed - pending approval)



Time Frame To Implement Avionics At ATC

July 25	Program Overview/Decision
Aug – Dec	Recruit for High School and Adult Students
Aug – Sept	Purchase Lab Equipment
Oct – Dec	Recruit/Employ Instructor
Sept – May	Identify and develop industry partnerships
Jun – Aug	Summer Internships and facility tours

Program Jan - Dec

Career Dual Enrollment Plan of Recruitment STEP 1

Visit Targeted High Schools during 1st and 2nd Quarters of 19 – 20 school year:



- Fort Lauderdale High School
- Dillard High School
- Boyd Anderson High School
- Northeast High School
- Sheridan Technical High School

Career Dual Enrollment Plan of Recruitment STEP 2



Work with the Guidance Directors and Counselors to target interested 10th and 11th grade students

- Provide counselors with promo video of the new Avionics Systems Technician program (YouTube would have to approve us to use this video. Should one be created locally to show what is in Fort Lauderdale?)
- Provide counselors with new Avionic Systems Technician Program flyer

Career Dual Enrollment Plan of Recruitment STEP 3



Conduct on-site Avionics System Technicians Orientations for targeted 11th grade students, and walk them through the application process, verifying they are meeting CDE requirements, and are on track for graduation.



Career Dual Enrollment Plan of Recruitment STEP 4 CDE High Schedule

Program Start: January 2020 through December 2020

- High School students would start in 11th grade, attend from 7:00AM until 10:00 AM daily, then return to their home high school to fulfill graduation requirements
- The High school students starting in January 2020 would have to attend full time in the summer between their junior and senior year to complete program coursework and requirements (This is only for Year 1 implementation). *ability to offer hands on at F&E?*
- Students would then attend 7:00AM until 10:00 AM their senior year, and then return to their home high school to fulfill graduation requirements

Next group of Student Recruitment

- In August 2020 a new high school group would be recruited and would attend a ½ day schedule their Junior year, a ½ day schedule their senior year, and would be enrolled in a externship/job shadowing opportunity in the summer between their junior and senior year (no program coursework will be offered in the summer)
- Enrollment would be set to 1x per year in August



Career Dual Enrollment Plan of Recruitment STEP 4 CDE HS Schedule

Follow-up with students and counselors to make sure qualified students are enrolled to start January 2020 and guidance counselors understand the scheduling process. In August of 2020 ATC Magnet High School Students as well as all other students North of Sunrise Blvd. will be targeted for the 2nd year of implementation.

HIGH SCHOOL

	Quarters 1 and 2				Quarters 3 and 4			
	1st Semester				2nd Semester			
Bell Schedule	7:05 am - 8:35 am	8:40 am - 10:10 am	10:15 am - 11:45 am	12:20 - 1:50 pm	7:05 am - 8:35 am	8:40 am - 10:10 am	10:15 am - 11:45 am	12:20 - 1:50 pm
9	English I	Algebra I or higher as recommended by Guidance	Biology	Foreign Language 1	Personal Fitness/ Fitness Lifestyle Design	Fine Arts Credit	On-Line Course	Advanced Information Technology
10	English II	Geometry or higher as recommended by Guidance	Chemistry	World History	Foreign Language 2	AP Computer Science Principles	Psychology	Career Research/ Semantics & Logic
11	English III or higher as recommended by Guidance	Algebra II or higher as recommended by Guidance	Science	American History	Basic Electronics Wiring Installer/Technician	Electrical Systems Technician	Analog Circuits Technician	Aircraft Electronics Technician
		Summer		June - August Coursework	2020	7:00 am - 1:50 pm		
12	Avionics Installer/Technician Course 1 of 2	Avionics Installer/Technician Course 2 of 2	Advanced Avionics Installer/Technician Course 1 of 2	Advanced Avionics Installer/Technician Course 2 of 2	English IV or higher as recommended by Guidance	Pre-Calc or higher as recommended by Guidance	Science	American Government/ Economics

Level of Expertise Obtained Upon Completion of Avionics Systems Technician Program: Avionics Technicians



Career Dual Enrollment Plan of Recruitment STEP 4 Postsecondary Adult Schedule

Program Start: January 2020 through December 2020/January 2021
(dependent upon BCPS calendar)

- Adults would be recruited to start in January 2020 and would attend full time through December/January (1 full year)
- Their schedule would run from 7AM – 1:50 PM daily
- They would be in the same classroom as the high school students attending ½ a day
- A new Adult group would be recruited to start in August 2021 and would attend on a fulltime schedule
- Enrollment would be set to 1x per year in August

Career Dual Enrollment Plan of Recruitment STEP 5



Arrange field trips during the school year and provide internships in the summer in conjunction with the City of Fort Lauderdale, for hands-on, real-world experiences.

frequency?

Career Dual Enrollment Plan of Recruitment STEP 6



Invite students to ATC's postsecondary graduation and celebrate their success as program completers, the earning of nationally recognized industry credentials, and their transition to the world-of-work, college, or both!



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DISCUSSION, Q&A & NEXT STEPS



Broward County
Public Schools

