

# **Raising Awareness of Careers in Aviation Maintenance Through Community-Based Youth Initiatives**

---

- The Honorable Dr. Kenneth Cooper Alexander, Mayor of Norfolk, Virginia
- The Honorable Carl Sherman, Sr., State Representative, Texas 109<sup>th</sup> District
- Dr. Joel A. English, Executive Vice President, AIM
- Ben Clark, Associate Director of Academic Affairs, AIM
- Chris Coley, Campus Executive Director, AIM Dallas





## CORE INSTITUTIONAL BELIEFS

### COMMUNITY ENGAGEMENT

An institution doesn't mean anything unless it means something to the community that it serves.

### BENEVOLENCE

When we become the solution to the problems and opportunities of those around us, good things happen.

### SERVICE LEARNING

The educational process is more impactful for students if they are able to connect the skills they learn in class with real-world problems within their own communities.













**ALL STUDENTS ENGAGE IN SERVICE  
LEARNING PROJECTS AS A REQUIRED  
COMPONENT OF THE PROGRAM AT AIM**



A photograph of a group of people, including adults and children, working together in a workshop or laboratory. They are gathered around a table, looking at and working on various objects. The background shows shelves with equipment and a fan. The text is overlaid in the center of the image.

**INNOVATIVE TECHNOLOGY  
+  
BENEVOLENCE  
=  
POSITIVE PUBLIC REACTION**

A photograph of a workshop or classroom setting. A man in a blue polo shirt stands on the left, leaning over a table. A woman in a blue shirt and a baseball cap stands on the right, also leaning over the table. They are interacting with several children who are seated at the table. The table is covered with various items, including papers, a small robot, and other materials. The background shows shelves with various items and a fan.

**GIVE COOL TECHNOLOGY  
AWAY TO KIDS FOR FREE  
AND THE CROWD GOES WILD.**

















## CORE INSTITUTIONAL BELIEFS

### SERVICE LEARNING

Every student engages in service learning projects as part of the requirements of our program.

### YOUTH OUTREACH

All campuses engage in some sort of youth programming as a normal part of their annual schedule.

### DUAL ENROLLMENT

Many of our campuses work with local high schools where students complete General in 11<sup>th</sup> and 12<sup>th</sup> grade, and those credits transfer to AIM if the student chooses to enroll.





**CAREER AND  
TECHNICAL EDUCATION**  
IRVING ISD



# **AIM Articulated Credit Agreement with Irving Independent School District (ISD)**

**Chris Coley, Campus Executive Director, AIM Dallas**



## HOW IT ALL BEGAN

- Irving ISD in 2015 developed an Aviation Stem Academy as part of the Irving HS.
- AIM- Irving partnered with Irving HS and extended invitation to allow school to utilize our hanger/ shop environments as a good community steward
- In 2017- AIM- Irving approached ISD about opportunity to give students the opportunity toward gaining credit or providing a feeder into a college program. Schools began working toward this effort
- In Feb 2019 – Articulated credit agreement established between AIM- Irving and Irving HS





Provide exposure to Irving ISD students and families on Aviation Maintenance as a viable career choice.



Give students a valued option for continuing career training beyond high school.



Give students a jump start on their 147 program



Give a tuition reduction through the articulated credit program- reduces \$10,000 in student tuition



Reduces amount of time to 15 months additional training with AIM or another 147 program



## AVIATION STEM PROGRAM



**AIM has partnered with your high school!**  
While still in high school, 11th and 12th grade students in the Aviation STEM program are eligible to get their first full year of Aviation Maintenance Technician courses.



MUST HAVE BEEN IN AVIATION STEM 9TH-10TH

FIRST FULL YEAR OF AMT COURSES NO COST TO THE STUDENT

SAVE UP TO \$10,000

COMPLETE PROGRAM IN UNDER 16 MONTHS AFTER GRADUATING HIGH SCHOOL

400 E. Airport Freeway, Irving, TX 75062  
[www.AviationMaintenance.edu](http://www.AviationMaintenance.edu) | (214) 333-9771



# Signing Ceremony

- AIM-Irving has enrolled a total of 10 HS graduates from the Irving ISD Program
  - All prior to agreement being established.
- Pandemic Pause
- Currently in revamp mode Post-Pandemic
- Additional workings with Districts:
  - Part of DISD Stem Advisory Board
  - Fort Worth ISD- Dunbar Highschool
  - Rising Aviation Highschool







STEM



**FLY Norfolk:** A Partnership Between  
Aviation Institute of Maintenance and the City of Norfolk

Ben Clark-Associate Director of Academic Affairs

## Where It All Began

Barraud Park, Norfolk 2017







**2019:** Served 1,400 Norfolk Parks and Recreation Kids





## **2020:** Community is Not Cancelled

1. AIM Chesapeake became AIM Norfolk

2. Continued to serve Norfolk Parks and Education by providing activities and materials for “Fun Boxes”

3. Hosted “Teens With a Purpose” for Summer Camp



## Teens With a Purpose



## 2021: COVID Still Can't Cancel Our Community





## 2021 Continued Success

FLY Norfolk makes a comeback with  
6 weeks of Jet Camp!

- Drones
- Forces of Flight
- Sheet Metal Projects
- Guest Speakers








## 2022: What's Next

**1** Aviation & Aerospace Academy at NTC

**2** Drone Program Curriculum

**3** Continued Summer Camps For Middle School And High School



# Aviation & Aerospace Academy

## Aviation Maintenance Technology I

*Offered to Seniors in 2022*

- Tool and Equipment Safety and Care Guidelines
- Applying Science
- Applying Mathematics
- Interpreting Maintenance Publications, Forms, and Records
- Exploring Airframe and Control Surfaces
- Maintaining the Powerplant
- Providing Ground Operations and Servicing
- Performing Basic Electricity Tasks
- Exploring Aviation Careers

*Students will complete some coursework at AIM, but most of the subjects will be taught at NTC*

# Dual-Enrollment Advantages to the Student

- General Testing completed
- No cost to the student
- Dual-Enrollment Completers may transfer all credits into AIM Norfolk
- Completers who enroll into AIM may graduate early since General credits transferred in
- Students may enter the workforce as a licensed Airframe & Powerplant Technician before their classmates finish a four-year traditional degree program









## CONVERSATION WITH POLITICAL LEADERS

### IMPACT

Describe the jobs in aerospace within the community you serve and how the AIM partnership has supported your and your community's goals for aerospace workforce.

### LEVERAGE

Can you think of any ways in which your district, city, or state has publicly highlighted the aviation collaboration between AIM and your community, or times when you referenced AIM in your political role?

### FUTURE

What would you like to see our partnership accomplish in the next 5-10 years? How would you like to see the collaborative initiative expand to reach new audiences and achieve more?

# **Raising Awareness of Careers in Aviation Maintenance Through Community-Based Youth Initiatives**

---

- The Honorable Dr. Kenneth Cooper Alexander, Mayor of Norfolk, Virginia
- The Honorable Carl Sherman, Sr., State Representative, Texas 109<sup>th</sup> District
- Dr. Joel A. English, Executive Vice President, AIM
- Ben Clark, Associate Director of Academic Affairs, AIM
- Chris Coley, Campus Executive Director, AIM Dallas

