



Plane Talk

Aviation Institute of Maintenance Newsletter

VOLUME 30, SPRING 2020

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AIM's Capstone Course: Just What the Doctor Ordered

In response to the COVID-19 crisis, Aviation Institute of Maintenance (AIM), the nation's premier family of aviation maintenance schools, announced that it will offer its entire student population access to its multi-award-winning, adaptive Airframe & Powerplant (A&P) courses powered by Adaptive 3.0 learning platform, Fulcrum Labs.

"For several years, Fulcrum's AI-powered adaptive technology has been an essential part of the program at AIM as students have finished the A&P curriculum and have prepared for the certification exams," said Dr. Joel English, Executive Vice President. "But within the context of the pandemic, the online course has allowed us to spread exam preparation throughout the program for students and allowed them to continue in their program uninterrupted through distance education. What was originally envisioned as a supplement for exam preparation has been adapted to provide full online education for our students."

Since 2017, AIM and Fulcrum Labs have collaborated to prepare learners nationwide to pass critical FAA certification exams. By leveraging Fulcrum's innovative Adaptive 3.0 learning platform within its Capstone course, AIM increased program graduates by 40 percent, boosted FAA certification exam participation rates by 25 percent, and achieved a transformative improvement of more than 46 percent in FAA certification exams.

"We know how challenging it can be for companies to transition from a blended learning approach to a fully-remote one while maintaining the same level of quality instruction that their students depend upon and are accustomed to," said Patrick Weir, CEO of Fulcrum Labs. "Our platform is proven to help companies meet their critical KPIs with serving the needs and wants of students. And we're happy to see that, even in this crisis, AIM has its foot solidly on the accelerator."

Follow CDC Guidelines

- Practice Social Distancing**
6 ft when possible
- Wear Face Mask**
When social distancing is not possible
- Wash Hands**
With soap and warm water or 60% alcohol sanitizer
- Wear Gloves**
When cleaning exposed surfaces or taking out trash
- Stay Home**
With fever or flu-like symptoms

Click here to learn more

Student Awarded Multiple Scholarships



Aviation Institute of Maintenance (AIM) Las Vegas is proud to announce Gabrielle Olivares as a recipient of two scholarships on behalf of Association of Women in Aviation Maintenance (AWAM). Candice McHargue, the President of Louisville AWAM Chapter, presented the scholarships to Ms. Olivares. The Searching for Success Scholarship, awarded in the amount of \$2,000, came with an all-inclusive 3-night stay to attend the annual conference. The Pink Wrench Scholarship, to put towards tool purchases, is valued at \$1,500. Mrs. Olivares and other scholarship recipients were honored at the 31st International Women in Aviation Conference at Disney's Coronado Springs Resort in March.



Indianapolis Helicopter Restoration



Bob Madigan



Students and faculty at the Indianapolis AIM campus have been embarking on the restoration of the school's Enstrom helicopter. It spent many years sitting disassembled, but is now slowly returning to its former glory.

Starting with a "scavenger hunt" through the facility, students found all the various parts and pieces which had been stored in out-of-the-way spots. Re-

"The project continues with searches all over the world for parts needed. Recently, a tail rotor gearbox, complete with rotor blades and pitch control, was found in an aircraft salvage in Wisconsin."

attaching the tailboom and installing the rotor blades had it, once again, looking like a helicopter.

The next big step was fabricating and installing a new windscreen, door glass and a chin bubble. A group of Non-Metallic Structures students, utilizing all that they had just learned about working with transparent plastics, fabricated new windows to Enstrom specs. Taking theory and applying it to a real-world type of project proved to be both fascinating and educational. Those students involved have taken a great deal of pride in the

final project as "their" helicopter took a big step on its restoration.

Along the way, as students and staff began researching the history of this aircraft, some interesting past was revealed. This helicopter, a 1969 Enstrom F-28 A, was sold new to the New Jersey State Police. Further research revealed that it was the first new aircraft that their fledgling Air Division had acquired. Still holding a special place in the history of the NJSP, this aircraft had been immortalized on their challenge coin!

The project continues with searches all over the world for parts needed. Recently, a tail rotor gearbox, complete with rotor blades and pitch control, was found in an aircraft salvage in Wisconsin. Complete but not airworthy, they were available for minimum expense, and when informed of what AIM was doing with them, the seller arranged to drop them off personally so that he could see what our students were doing.

As the helicopter becomes more and more complete, its value as a training tool has been evident. When teaching rotary wing flight controls, having an actual rotor head to illustrate just what happens when the controls are moved makes the concepts come alive for students.

This has been both a fun and rewarding project. This bird is seeing new life and the students are making it happen.

Orlando Holds Mock Interviews with Avocet for Pending Grads

Nicole Hammer



Capstone at AIM Orlando is the time for students to work with Career Services to learn important career development skills to be able to transition into their chosen career path. One of the most important pieces of Capstone is the mock interview process where students wear their interview attire and answer a series of interview questions to prepare them for real-life interviewing. This year, Career Services invited industry members to participate in mock interviews.

Avocet, a local aircraft Maintenance, Repair and Overhaul (MRO) facility, accepted the invitation and came to assist with the event. The employer is located in Sanford, FL, which is about 30 minutes away from the campus. Avocet has been in business for over 25 years. To date, Avocet has hired 17 of our graduates.

AIM Orlando was pleased to have Luis Velazquez, a Human Resource Generalist for Avocet, join in the mock interview process. Students dressed up in interview attire and Luis gave them feedback on their interview skills along with his insight to the aviation maintenance industry. This is the second mock interview session that Luis has participated in and AIM was grateful to have him return to the campus.

Career Services provided the employer with a list of general and technical questions to ask students. Velazquez was pleased overall with the number of students who participated and responded.

After the mock interviews, our guest was able to provide Career Services with his feedback and provided additional questions that can be used for the next mock interview.

Orlando Holds Scholarship Week for Students

TyAngela Beatty and Carolyn Moran



Top Left: Jeopardy and Candy Bar Game Winners, Top Right: Students applying for scholarships at computer. Grand Prize Scholarship winners

Scholarship Week was an opportunity for students to seek out scholarships as a way to help cover some of the costs associated with their education.

Carolyn Moran, TyAngela Beatty, and Krystal Jones from the Learning Resource Center provided our students with information regarding how to locate several scholarships. The team assisted students with completing scholarship applications and shared information about AIM's Scholarship Match Program, which matches scholarships dollar-for-dollar, up to 10% of the total tuition.

75 students attended Day 1 of the event, where information packets were made available. The packets contained a variety of

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scholarships, some of which required essay writing. On Day 2, students were encouraged to begin completing the no essay scholarships along with playing a game of Jeopardy- AIM Edition. Students that won the game received a gift card. On Day 3, students from both sessions played a Candy Bar game in between applying

for scholarships. The prize this day was a choice of selected Movie Box candy. This day, students also played a game of Heads Up. On Day 4 students were assisted with submitting essay scholarships. The grand prize for students from each session that completed the most scholarships won a set of tools. The winner of the day session was Jawana Lockett completing 4 scholarship applications. At the evening session, Andrew Parrot and Curis Lindo tied at 5 scholarship applications each.

Norfolk Discovers Amazing Opportunities at AAR

Cherie Snow



Have you heard about the EAGLE Career Pathway Program that is being offered at AAR?!

On Tuesday, October 30th, 2019, Aviation Institute of Maintenance, Chesapeake had a special guest from AAR, Mr. Ryan Goertzen, Vice President of Workforce Development stop by our campus. Mr. Goertzen shared with students an amazing opportunity offered through AAR called the EAGLE Career Pathway Program. This program equips

students with on-site job experience which better prepares them to seek employment with AAR. This helps them get prepared for the workforce and educated about the various aviation fields and certificates they can pursue to grow into their career. AAR employees are offered benefits such as health and retirement plans, relocation assistance, on-the-job training, advancement opportunities, as well as up to \$15,000 in tuition reimbursement.

Go to:

<https://www.aarcorp.com/careers/aar-eagle-career-pathway-program-application/> to find out more information how you can take advantage of this amazing program!

Thank you for sharing this amazing opportunity Mr. Goertzen. We look forward to seeing AAR come back to our campus anytime!



Houston Brings the Teacher to the Classroom

Daniel J. Flading



AIM Houston recently held a Continuing Education Training class for 6 CEU credits for all AIM Faculty aptly named "Bueller Bueller Bueller". The training topic was Teaching Methods, led by Mrs. Carol Woodard on July 19, 2019. This class was very enlightening for our faculty, as we learned how to deal with students of varying ages and backgrounds to know better how to interact with and educate all students. Effective communication skills were reviewed for better communication and interaction with all generations of students who enroll at AIM. Positive feedback was returned by attendees and the training class was an overall success. A working BBQ lunch was held for attendees and was thoroughly enjoyed by all. We look forward to future classes with Mrs. Woodard and the company.



Orlando Celebrates Veterans Day with a Sweet Treat

Gail Strickland



Veteran Samuel Helman enjoys cake and ice cream served by AIM staff



Left Image: Student Lomar Foster and Veteran Lonnie Cooper, Top Right Image: Veteran Brandon Robertson, Bottom Right Image: Veteran student Mark Young

On Monday, November 11, 2019 from 11am to 12pm and 8pm to 9pm, Aviation Institute of Maintenance Orlando (AMO) celebrated Veterans Day with cake and ice cream. During their respective lunch periods, our Day and Evening veterans, which included students and faculty, ate cake with the AIM logo along with chocolate and vanilla ice cream. Approximately 71 veterans were honored. Once the veterans were served, AIM students who were not veterans were able to partake of the celebration fun. The campus Computer Lab was decorated with red, white and blue tablecloths and balloons.



Veteran Students Angelique Baker and Elvis Facey and Career Services Coordinator Nicole Hammer

Indianapolis Hosts Employer Tours



It is always great to have employers on our campus and in our classrooms/hangars to interact and share company and industry information with our student population. But it is even more valuable when an employer is open to having our students visit and tour their physical location. Just in this first quarter of 2020, our students have been able to tour 2 different employers' facilities. This has been made possible by the early efforts of communication in late 2019 by Career Services with various employers during campus events such as career fairs and PAC meetings.

In January 2020, a group of 14 students participated in a guided tour of Applied Composites & Engineering (ACE), here in Indianapolis. Applied Composites is a leading provider of complex composite components, assemblies, engineering and tooling to the aerospace, defense, and space systems markets. Students were able to tour both buildings of their operation. The main building featured state of the art autoclaves, ovens, CNC machining centers, clean rooms and special processing and testing equipment. The second building was an FAA-certified, Part 145 repair station where they engineer and rebuild severely damaged parts, repair minor scrapes and wear, and fabricate custom modifications. Our students spent about 2 hours learning about what ACE does as an organization and its impact on the aviation industry as a whole.

Then, in February 2020, AAR Corp invited our students to visit and tour their facility at the

Indianapolis International Airport. There were 10 students that attended the tour. AAR is an independent provider of aviation services to commercial and government customers worldwide. AAR has several locations throughout the world, but the location in Indianapolis specializes in airframe maintenance and engineering. They

"AAR has several locations throughout the world, but the location in Indianapolis specializes in airframe maintenance and engineering."

not only have commercial contracts with FedEx Express and Southwest Airlines, they also have governmental contracts with agencies like the US Navy. Various AAR hangar supervisors and even the General Manager along with Human Resources staff members answered questions and provided detailed information about the operations of AAR. After over 2 hours spent with their team, our students gained a greater understanding of exactly how AAR contributes to aviation maintenance.

Kansas City Student Gets Not One, but Two Scholarships



Ms. Ashley Pratt-McCray is a recent graduate of the Aviation Institute of Maintenance in Kansas City and a recent recipient of not 1 but 2 scholarships offered to our students at all AIM campuses. She took the initiative to write essays describing her time at the AIM KC campus.

That little extra work yielded a Sonic Toolbox and a cash award from the AVGAS foundation. After speaking with her, it was quite apparent that not only is she hard-working and motivated, but she is very quiet and humble in her efforts.

"She took the initiative to write essays describing her time at the AIM KC campus...She is a trailblazer for the new women in aviation."

The only reason she agreed to let me write about her and the scholarships was so that some other young ladies getting in the field would see that some came before them.

She is a trailblazer for the new women in aviation. After speaking to Ashley, (she prefers Ash), I learned that she is multifaceted. She has a passion for Monster Trucks and one day would like to work on their hydraulic systems. She is a veteran that served in the US Army and a mother of one. She has no time for excuses. She is busy, fast-moving, motivated and quite the force. I know that she will electrify those who take the time to meet and speak with her. It is a pleasure working and coaching her for the ultimate prize, her A & P Certificate.



AHMEED, Jamaal A	AMT	CLARK, Jereme	AMT***	GIBSON, Kayela	AMT
AHMES, Michael D	AMT**	COLON, Nataniel	AMT	GILMORE, Danzel	AMT
ALHEJAILI, Mohammed	AMT	CONNOT, Samantha	AMT	GONZALEZ, Juan	AMT**
ALLIHIBI, Mohammed	AMT	COOK, Daniel	AMT	GRIES, Jason	AMT***
ALSAIF, Alwaleed	AMT	COOPER, Keenan R	AMT***	GUTIERREZ, Brian	AMT
ANDRE, Caitlyn	AMT	CORDOVA, Heyberth	AMT	HACKETT, Curtisha	AMT
BACON, Marc H	AMT***	CRAWFORD, Logan B	AMT***	HARTMAN, Heather A	AMT***
BARNETT, Trinston	AMT*	CRAYTON, Jeffrey C	AMT	HARTMAN, Nathan D	AMT*
BELLO, Olaide	AMT	DAVIS, Derrick L	AMT	HISEY, Edward	AMT
BLACKMON, Devin T	AMT***	DAVIS, Jerome	AMT*	HOWELL, Devon L	AMT**
BLACKWELL, Philip	AMT	DAVIS, Jonathan E	AMT**	IBRAHIM, Abdullah I	AMT**
BRUCKER, Vincent W	AMT***	DEL ANGEL, Rene	AMT***	INNES, Alex	AMT
BUKHARI, Anmar	AMT	DISLA LOPEZ, Jesus	AMT	ISAAC, Jaden	AMT**
BUSH, Jonathan	AMT***	DUKULY, Mohammed	AMT	JENKINS, Kevin	AMT
CALLOWAY, Jesse	AMT*	EBERT, Micah D	AMT***	JETER, Tanisha	AMT*
CANNADY, Ryan K	AMT***	ELIAS, Julio	AMT	JOHN, Ricky	AMT
CARLIN, David	AMT	ELKO, Aaron C	AMT*	JOHNSON, Percy	AMT
CARRIGAN, Antonio I	AMT***	ENOBAXHARE, Omosukpon	AMT	KABA, Ibrahim	AMT
CASTILLO, Crystal	AMT*	ESCOBAR DELGADO, Christian	AMT	KIBLER, Nicholas	AMT
CAWTHON, Blake M	AMT***	FAMIGHETTE, Lawrence B	AMT	KISER, James	AMT**
CHARTERS, Patrick L	AMT**	FRAUSTO, Miguel	AMT	KONNEH, Mohammed	AMT
CHEVEZ, Ruben	AMT	GARDNER, Cody	AMT**	KOROMA, Ibrahim	AMT
CHOWDHURY, Sharea	AMT	GATLING, Omari T	AMT*	LA, Danny	AMT**
CHUNKO, Kyle	AMT	GEHRY, Keith B	AMT***	LAMORA, Brandon S	AMT***



LEHRMANN, Travis	AMT***	NGUYEN, Devin	AMT***	SEELEY, Cymantha B	AMT
LERMAN, Pavel	AMT	NGUYEN, Tai	AMT**	SHELTON, Noah	AMT
LESTER, Tranelius	AMT	NORTON, Bruce	AMT	SHORT, Corey G	AMT***
LINGAYA, Jeffrey A	AMT***	NUNAMAKER, Christopher P	AMT***	SILVERS, Curtis M	AMT
LOCKHART, Candace	AMT	ONEIL, Sean D	AMT***	STACKHOUSE, Garrett	AMT
LOGAGLIO, Lawrence	AMT	ORTEGA, Brandon	AMT**	STEWART, Stephanie	AMT
LUSENI, Alfred	AMT	ORTEGA, Christian	AMT	SZAMBELAK, Joseph	AMT
MAI, Duy	AMT***	PALMER, Jeremy	AMT**	TEUTSCH, Samuel	AMT***
MAI, Matthew	AMT	PAREJA, Mateo	AMT	THOMAS, Stephen	AMT
MANGLONA, Alyssa J	AMT***	PEREZ REYNOSO, Elvis	AMT	TOWNSEND, Alexander	AMT
MARTINEZ, Adrian	AMT***	PETERSON, Sheltric	AMT***	TRAVER, Sharon	AMT**
MASTRACCHIO, David	AMT***	PETERSON, William	AMT	VENABLE, Joey J	AMT***
MCCANN, Joshua	AMT	PIMENTEL, Erick O	AMT***	WATSON, Paul	AMT
MCCOLGAN, Joseph	AMT	PLENTIE, Joshua	AMT	WEISS, Christian	AMT
MCPHAUL, Ronald	AMT	PO, Sophandara	AMT	WELCH, Phillip	AMT*
MEANS, Allison R	AMT***	PRICE, Cameron J	AMT***	WEST, Brandon T	AMT
MEJIAS, Elijah	AMT	PUENTE, Enrique	AMT*	WILKS, Kennedy W	AMT*
MENDEZ, John	AMT***	ROSARIO, Dominic	AMT	WILLIAMS, Brook	AMT
MITCHELL, Erica	AMT***	ROUSSEY, Justin P	AMT***	WILLIAMS, Cedrick	AMT
MONDRAGON, Christopher	AMT**	RULE, Rikki F	AMT***	WITTWER, Sabrina	AMT**
MORENO, Alan B	AMT***	SALEH, Sari	AMT	WOLDEGEBRIAL, Solomon	AMT
MORENO, Carlos	AMT	SALINAS, Sergio	AMT*	XILOJ, Melinda	AMT
MORRIS, Jerome	AMT	SCHMIDT, Timothy R	AMT**	ZAREIAN, Hadi	AMT
MORRIS, Kevin	AMT***	SCOTT, Kahiem D	AMT***		



Indianapolis Partners with McClelland Elementary



McClelland Elementary School has become "our school". Aviation Institute of Maintenance Indianapolis (AIM Indy) has passionately worked to identify realistic needs and solutions of teachers, parents/guardians, and youth in our adjoining community. Two specific areas of interest have become an essential part of our partnership with McClelland because of the direct impact it has on the staff and students: the back-to-school drive and the hat and gloves drive. Starting in the 2018-2019 school year, AIM Indy challenged its students, staff, instructors, and administration to participate in fun, school-functioned drives that would have a substantial impact on students on the school's end and create a realistic sense of fulfillment on ours.

In 2018-2019, the back-to-school drive for McClelland Elementary was instantly identified to ensure a large number of students had the required supplies to have a great start to their educational journeys. In doing so, teachers were not as inclined to dig into their own pockets to purchase necessary supplies for their students, and students did not have to start the school year off without having the basic

necessities to actively engage in their education. AIM Indy continued the tradition at the end of July by creating a surplus for the school supply closet, providing materials for art classes, and assisting students with completing their school supply lists for the 2019-2020 school year.

The hats and gloves drive was another immediate need, as the focus was on ensuring students would stay warm during the fall and winter months as they walked to school or stood on the bus stop waiting for their bus to arrive. McClelland reached out to AIM Indy in February of 2019 and asked if there was anything we could do to help the students they noticed arriving to school without hats and/or gloves. AIM Indy immediately stepped into action and hosted a hats and gloves drive and accumulated over 250 hats and gloves for students in just a week! To begin the 2019-2020 school year, AIM Indy decided to begin the hats and gloves drive before the cold weather settled in and collected an additional 150 hats and gloves for students.

The feeling of the impact that we have had during our partnership with McClelland seems tremendous,

but receiving feedback and first-hand testimony of the work AIM Indy has done speaks volumes.

Included below is the personal testimony from Jennifer Nichols, Principal of McClelland Elementary School:

Dear Dana and AIM Friends,

You have no idea how much of an impact you have on our students and families, and our STAFF! Man! Your giving hearts are just so precious and appreciated! Because of you, students get to take pride in having NEW school supplies as well as NEW hats and gloves. Parents get to rest easy knowing that their children's needs are being met. Our staff gets to (selfishly) see the joy on the faces of our kids when distributing the items, AND we can provide these items without digging further into our pockets.

There is nothing better than feeling valued-and through your generosity-you are making the McClelland School Community feel valued and loved.

Thank you.

Philadelphia Appreciates Women in Aviation

On Thursday, October 3rd, 2019, the staff and students from the Aviation Institute of Maintenance in Philadelphia hosted our 5th annual Women in Aviation Day event. We gave all of our female students and staff members custom Women in Aviation T-shirts. We also served hot dogs, hamburgers, snacks and Rita's Italian Ice. We even had a 40 ft. obstacle course in which some of the students and staff raced one another through. We invited our local Girl Scout troop, the local Camden Youth Association, as well as state representative Martina White to the celebration. The Women in Aviation event is a chance for women to be recognized, appreciated and respected. It is important to acknowledge all the contributions made by women in the field of Aviation, which is, historically, a male-dominated profession.

