



Aviation Maintenance Curriculum  
Teacher Professional Development Seminar  
June 8-9, 2022

The Choose Aerospace aviation maintenance curriculum (more information at [chooseaerospace.org/curriculum](https://chooseaerospace.org/curriculum)) puts students on a path to Federal Aviation Administration (FAA) mechanic certification. The curriculum will provide high schools and community-based programs the opportunity to implement aviation technical programs with very little equipment and facility requirements.

Students that complete the Choose Aerospace program will have knowledge and skill outlined in the general portion of the FAA mechanic airman certification standard, and therefore the opportunity to get right to work as a non-certificated technician or transfer credit to one of the 187 FAA part 147 programs across the U.S.

This professional development seminar will provide teachers 1) training on the platform, 2) an understanding of hands-on projects that could supplement the online curriculum, 3) industry contacts to support the program, and 4) a general awareness of career opportunities available for their students.



June 8, 2022  
Tulsa Tech Riverside Campus  
801 E 91st St, Tulsa, OK 74132

9:00 AM **Welcome**

Ryan Goertzen, Vice President Maintenance Workforce Development, AAR Corp & President, Choose Aerospace

9:30 AM **EducateWorkforce Platform Training—G120 Classroom**

*Get an overview of the computer-based training system, and training on enrolling your students, accessing student progress, and addition resources available through the instructor guide.*

Zachary Trabookis, Lead Developer, Center for Workforce Development, Clemson University

Rebecca David, Systems Programmer, Center for Workforce Development, Clemson University

Rachel Turner, Lead Instructional Designer, Center for Workforce Development, Clemson University

11:00 AM **Tulsa Tech Facility Tour and Lunch**

12:30-4:00 PM **Lab Demonstration and Training Overview—G112 Shop**

*Get an overview of hands-on elements to supplement the computer-based content and training on basic skills required to successfully facilitate labs.*

*Trainees will divide into four groups and rotate through:*

- *Safety wire with Karen Johnson, Associate Professor, Southern Illinois University*
- *Precision measurement with Bryan Abbott, Instructor, Aviation Maintenance Technology, Tulsa Tech*
- *Fluid lines with Tim Guerrero, Former Academic Dean, Spartan College of Aeronautics and Technology*
- *Multimeter with Sheryl Oxley, Aviation Program Coordinator, Tulsa Tech*



June 9, 2022

American Airlines Maintenance Base  
3900 N Mingo Road, Tulsa, OK 74116-5000

**8:00 AM Welcoming Remarks and Networking Breakfast**

Chase Beasley, Government Affairs, American Airlines

**8:30 AM American Airlines Facility Tour**

**10:00 AM- Panel Discussion: Career Opportunities in Aviation Maintenance**

**12:00 PM** *Industry leaders give an overview of the aviation maintenance industry, opportunities available at their respective companies, and direct pathways available to students that complete the Choose Aerospace curriculum. Panelists will also facilitate discussion on opportunities to develop and expand apprenticeship career pathways.*

Kozetta E. Chapman, Senior Manager Tech Ops, Recruiting & Development,  
American Airlines

Ryan Goertzen, Vice President Maintenance Workforce Development, AAR Corp  
& President, Choose Aerospace

Thomas Illner, President & CEO, BizJet International Sales and Support, Inc.

James Jackson, People Business Partner, Lufthansa Technik North America

Mike Rothlein, Director Talent Management, The NORDAM Group LLC



## Attendees

Bryan Abbott  
Instructor  
Tulsa Tech

Chase Beasley  
Government Affairs  
American Airlines

Md Bhuiyan  
Aircraft Structures & Heavy Maintenance  
Instructor  
Mid-Del Technology Center  
Midwest City OK

Tristen Black  
Manager of College and Career Pathways  
Tulsa Public Schools - Postsecondary  
Readiness Department  
Tulsa OK

Kozetta Chapman  
Senior Manager Tech Ops, Recruiting &  
Development  
American Airlines

Robert Couse  
Oklahoma State Director  
U.S. Department of Labor

Domonique Dibler  
STEM teacher  
Broken Arrow Public Schools  
Broken Arrow OK

Jon Farstad  
Teacher  
Dubiski Career High School

Sheri Fisher  
Aerospace CTE Teacher  
Hillsboro School District - Liberty High  
School  
Hillsboro OR

Ryan Goertzen  
VP Maintenance Workforce Development  
AAR Corp

Tammy Griggs  
Manager of College and Career Pathways  
Tulsa Public Schools  
Tulsa OK

Tim Guerrero  
Consultant

Aimee Harden  
Assistant Director of Instruction  
Mid-Del Technology Center  
Midwest City OK

James Jackson  
People Business Partner  
Lufthansa Technik North America

Karen Johnson  
Associate Professor  
Southern Illinois University

Dudley Light  
Regional Director, Office of Apprenticeship  
U.S. Department of Labor



Dwight Long  
CTE Aerospace Teacher  
TPS - East Central HS  
Tulsa OK

Sam Madewell  
Aerospace Teacher  
Putnam City Schools  
Oklahoma City OK

Crystal Maguire  
Executive Director  
Aviation Technician Education Council  
Jenks OK

Mandy Monahan  
Director, Office of Corporate Responsibility  
The NORDAM Group LLC

Barbara Murray  
Executive Director  
TransPORTs

Tonja Norwood  
STEM Program Manager, STEM Education  
Oklahoma CareerTech

Kristye O'Mealey  
STEM Program Specialist  
Oklahoma CareerTech

Virginia Oden  
Program Specialist | Transportation,  
Distribution & Logistics  
Oklahoma CareerTech

Sheryl Oxley  
Aviation Program Coordinator  
Tulsa Tech

Delilah Rodriguez  
Instructional Technology & STEM Director  
McAlester Public School  
McAlester OK

Mike Rothlein  
Director Talent Management  
The NORDAM Group LLC

Tarra Ruttman  
Project Coordinator  
Choose Aerospace  
Jenks OK

Amy Shaw  
Teacher  
McAlester Public School  
McAlester OK

Anthony Snow  
STEM Teacher  
Okmulgee Public Schools  
Okmulgee OK

Angela Teeman  
STEM Program Specialist  
Oklahoma CareerTech

Rachel Turner  
Lead Instructional Designer  
Clemson University Center for Workforce  
Development