# Pathways to Aviation Career Planning Workbook 2023 Edition



Pathways to Aviation provides solutions to the aviation industry's growing workforce needs by informing, inspiring, and engaging its future labor force.

# **History**

Pathways to Aviation was founded as the Reno Air Racing Foundation in 2004 to provide aviation instruction to K-12 students. The mission expanded to guide all young people, including college students and job seekers toward fulfilling careers.

Since 2017, the aviation education program has impacted thousands of students, who participate in our career readiness program, engage in classroom presentations, and participate in mock interviews and career fairs. The core of the program is to provide the instruction, tools, and connections for young people to obtain employment in the aviation and aerospace industry.

In May 2020, Pathways to Aviation launched its online Career Readiness program. The online format was instantaneously appealing to students, educators, and school career counselors. Today, we provide career coaching, mentoring and connections with students and job seekers in all parts of North America.

Pathways to Aviation serves a vital need in the aviation and aerospace industry, as it helps position students and job seekers for career success. Through our certification process, workshops, and training, we're opening doors of opportunity on a daily basis.



Pathways to Aviation, is a 501(c)3 non-profit organization formed in 2004 providing solutions to the aviation industry's growing workforce needs by informing, inspiring, and engaging its future labor force.

# **Board of Trustees**

(as of March 2023)

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# Thank You

Pathways to Aviation achievements are directly linked to outstanding partners, who believe in the importance of quality aviation and career education. We're fortunate to receive support from generous supporters, which inspire growth in our programs and impact with the students and job seekers we serve.













"I really enjoyed how we were able to meet people that we otherwise would not have known how to contact. It was very helpful and offered many opportunities to us that we didn't even know existed." - Student

"I am extremely impressed with how prepared a lot of those kids were. This is definitely making a difference in many ways. Great work." - Industry Leader

# **Mission and Programs**

The demand for quality labor is at an exponential high. Students find us through word-of-mouth and social media, aviation-based organizations (e.g. Experimental Aircraft Association, Aircraft Owners and Pilots Association, Civil Air Patrol), as well as through career counselors and educators.

We work with employers seeking new hires, as well as industry membership associations promoting the services and employment opportunities of their members. By doing this, we open doors of opportunity for recruiters and executives to connect with job seekers and current students.

# Pathways to Aviation informs, inspires, and engages aviation's next generation.

The Career Readiness program allows students to become job search ready on a daily basis. The program is designed to help students position the hard skills they've acquired in the classroom, laboratory, and work situations in appealing and compelling ways. Students guided through the program find success through college acceptances, internships, seasonal or part-time jobs, or full-time positions.

The program features three primary tools for students to utilize:

- Career readiness certification A three-step process guiding students through understanding, practice, and application of three primary functions: understanding career interests, presenting in a written format (resume, LinkedIn), and presenting in a verbal format (networking, interviewing).
- 2. **Workshops** Students, job seekers, and educators participate in career planning discussions and meet and learn from industry leaders.
- 3. Career planning workbook A specially-designed guide featuring industry salary tables, list of post-secondary school choices, available scholarships, and career readiness best practice descriptions.

The Career Readiness program receives praise from parents, educators, industry leaders, and recruiters. All have shared, especially the students and job seekers, a reduction in stress and anxiety and an appreciation for the guidance offered. For employers, it ensures that the talent introduced to them is of high quality and job readiness. Students and job seekers become more aware of their potential, of how they brand themselves, and of how to truly prepare for each opportunity. Parents are just thankful that their children have an abundance of resources at their disposal to pursue career and life dreams.

# **Career Readiness**

The Pathways to Aviation Career Readiness program offers career readiness training, certification, and mentorship to all high school and college students at no financial cost.

When students sign up, they chart a course to pursuing and securing fulfilling employment. They are guided through a three-step process preparing them to succeed in job interviews. This involves learning how to articulate their skills, experiences, and interests through compelling resumes and LinkedIn profiles, appealing elevator pitches, and convincing interview answers. The training is supported by one-on-one and small group coaching, online workshops, video and written instruction, and mentorship.

As "candidates" work through each step, they're being introduced to leaders, representing industry organizations, which seek quality talent as their next hires.



## **Become Career Ready**

Activate your path towards and exciting career by completing our career readiness certification process. Follow these simple steps...

- 1. Visit www.PathwaysToAviation.org
- 2. Click "Register as New User"
- 3. Create Career Profile
- 4. Start the Certification process

# **Scholarships**

The cost to achieve your career dreams can be costly. The following pages present links to scholarships, which can fund part or all of your educational journey.

You may also find the scholarships at:

www.PathwaysToAviation.org/Available-Scholarships

# The Brigadier General Fred L. Michel Aviation Scholarship

The support of budding aviation enthusiasts is important to people who have themselves developed and expressed a love of aviation through participation and appreciation. One way we can support young people who share our passion for flight is through the support of aviation scholarship opportunities.

The "Brigadier General Fred L. Michel Aviation Scholarship" was established in the Fall of 2007 by the Stead Airport Users' Assn and Pathways to Aviation to honor Brigadier General Fred L. Michel and to assist Nevada youth in the pursuit of aviation careers.

During his 27 years of military service, Fred L. Michel was a Captain in the United States Air Force, flying the T-34 and the T-38, before moving himself and his family to Reno, where he flew the RF-101 and RF-4C in the Nevada Air National Guard until his retirement as Brigadier General. He was, as well, a retired Captain from United and Pan American Airlines, completing a career which saw him through the early, unfettered "good old days" of airline travel. His passion for aviation extended well beyond his careers in the military and the airline industry. A 38 year resident of Reno, he served 28 of those years as a Director of the Reno Air Races.



Fred served as the second President of the Stead Airport Users' Association for many years.

The Brigadier General Fred L. Michel Aviation Scholarship Committee makes annual scholarships available to deserving students.

Scholarships are awarded at the \$500 to \$2,500 range.

The scholarship fund has achieved much interest from its inception. Funds will be used to assist accomplished young students, male and female, annually to fulfill their dreams of higher academic and athletic achievement with a focus on aviation.

The money to initiate the Scholarship Program was contributed by the founding entities, together with private support from many others, combined with institutional and private contributions. A large donation was made by the family of Fred L. Michel in honor of their departed husband and father.

**Click for Application Details** 

Able Flight Scholarships

Academy of Model Aeronautics Foundation Scholarships

Aero Club of New England Scholarships

Aero Club of Northern California Scholarships

Aero Club of Southern California Scholarships

Aero Club of Pennsylvania Scholarships

Aerospace Center for Excellence

Aircraft Electronics Association (AEA) Scholarships

Airline Dispatchers Federation Scholarships

Airport Minority Advisory Council (AMAC) Scholarships

Air Force Association Scholarships

Air Line Pilots Association Int'l Scholarships

Air Traffic Control Association (ATCA) Scholarships

Alaska Airmen's Association Scholarships

Alaska Air Carriers Association (AACA) Scholarships

Alaska Ninety-Nines Scholarship

Alaskan Aviation Safety Foundation (AASF) Scholarships

Aloha Chapter Ninety-Nines Scholarship

Alpha Eta Rho Scholarships

American Association of Airport Executives (AAAE) Scholarships

American Association of University Women Scholarships

American Flyers Scholarship

American Institute of Aeronautics and Astronautics (AIAA) Scholarships

**AOPA Flight Training Scholarships** 

Arizona Business Aviation Association Scholarships

Arizona Pilots Association Scholarship

Association for Women in Aviation Maintenance Scholarships

**Association of Naval Aviation Scholarship** 

Astronaut Scholarship Foundation Scholarships

**AVFuel Scholarships** 

Aviation Association of Indiana Scholarship

Aviation Council of Pennsylvania Scholarships

**Aviation Discovery Scholarship** 

Aviation Distributors and Manufacturers Association Scholarships

Aviation Youth Empowerment Foundation Scholarships

Bay Cities 99s Scholarships

Bill Cowden Memorial Aviation Scholarship

**Bremerton Pilots Association Scholarship** 

Cape Area Pilots Association Scholarships

Chicago Area Business Aviation Association Scholarships

Chicago Executive Pilots Association Scholarships

Choose Aerospace Scholarships

Clav Lacv Scholarships

Colorado Agricultural Aviation Association Scholarships

**Colorado Aviation Business Association Scholarship** 

Click to access the full roster of organizations offering scholarships.

Colorado Ninety-Nines Scholarship

**Colorado Pilots Association Scholarship** 

Commemorative Air Force Wings Over Houston Airshow Scholarship

**EAA Scholarships** 

EAA Chapter 43 (Broomfield, CO) Scholarships

EAA Chapter 93 (Madison, WI) Scholarships

EAA Chapter 179 (Albuquerque, NM) Scholarships

EAA Chapter 240 (Wilmington, DE) Scholarships

EAA Chapter 512 (Placerville, CA) Scholarships

EAA Chapter 613 (Swanton, VT) Scholarships

EAA Chapter 952 (Cottonwood, AZ) Scholarships

East Central Ohio Pilots Association Scholarship

Epic Flight Academy Scholarships

FAA Scholarships

Figure 1 Foundation Scholarships

Flight Path Learning Center of Southern California Scholarships

Florida Goldcoast Chapter of the 99s Scholarships

Florida Suncoast Ninety-Nines Scholarships

General Aviation Manufacturers Association (GAMA) Scholarships

Georgia Business Aviation Association (GBAA) Scholarships

Girls Love to Fly Scholarships

GiveBack Scholarships

GlobalAir.com Scholarship

**Greater Miami Aviation Association Scholarships** 

**Greater Seattle Ninety-Nines Scholarships** 

Helicopter Association International Scholarships

International Aerobatic Club (IAC) Scholarships

International Council of Air Shows Foundation Scholarships

International Cessna 170 Association Scholarship

International Ninety-Nines Scholarships

International Society of Women Airline Pilots Scholarships

King Schools Scholarships

Ladies Love Taildraggers Scholarships

Latinas in Aviation Scholarship

Latino Pilots Association Scholarship

Laze Memorial Soaring Foundation Scholarship

Leroy Homer Foundation Scholarship

Lyons Aviation Foundation Scholarship

Make-A-Pilot Aviation Scholarships

Massachusetts Business Aviation Association Scholarship

Michigan Aviation Education Foundation Scholarships

Michigan Business Aviation Association Scholarships

Minnesota Business Aviation Association Scholarships

Minnesota Aviation Hall of Fame Scholarships

Minnesota Aviation Trades Association Scholarship

Click to watch our first Scholarships Tips workshop.

Minnesota Pilots Association Scholarships

Monterey Bay Ninety-Nines Scholarship

Mooney Safety Foundation Scholarship

Mount Shasta 99s Scholarships

National Agricultural Aviation Association (NAAA) Scholarships

National Air Transportation Association (NATA) Scholarships

National Association of State Aviation Official Scholarship

National Aviation Academy Scholarship

National Business Aviation Association (NBAA) Scholarships

National Coalition for Aviation and Space Education Scholarships

National Gay Pilots Association Scholarships

National Hispanic Coalition of Federal Aviation Employees Scholarships

**NBAA Professional Development Scholarships** 

Nebraska Business Aviation Association (NeBAA) Scholarships

New Jersey Ninety-Nines Scholarships

Ninety-Nines Scholarships

North Central Section 99s Scholarships

Northrop Rice Foundation Scholarships

Northwest Section of the Ninety-Nines Scholarships

Ohio Aviation Association Scholarship

Oklahoma Chapter of the Ninety-Nines Scholarship

Orange County 99s Aviation Scholarships

Organization of Black Aerospace Professionals (OBAP) Scholarships

Palomar Chapter of the 99s Scholarships

Paradise Coast 99s Scholarships

Phoenix Chapter of the Ninety-Nines Scholarship

Professional Aviation Maintenance Association (PAMA) Scholarship

Regional Airline Association (RAA) Scholarships

Reno Area Chapter 99s Scholarship

Reno High Sierra 99s Scholarships

Reno-Tahoe Aviation Group's Tom Pagnano Scholarship

Rio Colorado 99s Scholarship

Sacramento Valley Chapter 99s Scholarships

San Diego Chapter of the Ninety-Nines Scholarships

San Luis Obispo Ninety-Nines Scholarships

Soaring Society of America Scholarships

Society of Women Engineers Scholarships

South Carolina Aviation Association Scholarships

Southern California Aviation Association Scholarships

Southwest Section of the 99s Scholarships

**Sutter Buttes Ninety-Nines Scholarships** 

SWE Sierra Nevada Scholarship

Tailhook Foundation Scholarships

Ventura County Ninety-Nines Scholarships

Washington Pilots Association Scholarships

Click to watch our second Scholarships Tips workshop.

Westerly Airport Association Scholarships
Whirly-Girls Scholarships
Women in Aerospace Foundation Scholarships
Women in Aviation Scholarships
Women in Aviation - Mile High Chapter Scholarship
Women in Aviation - United Airlines Flight Operations Pilot Scholarship
Women in Corporate Aviation (WCA) Scholarships
Women Soaring Pilots Association (WSPA) Scholarships

The growing list of organizations offering scholarships is found at: <a href="https://www.pathwaystoaviation.org/job-seekers/available-scholarships">www.pathwaystoaviation.org/job-seekers/available-scholarships</a>

## Important application tips!

Before you apply for scholarships, be sure to learn invaluable best practices to submit appealing scholarship applications. Click the following to watch industry leaders share their tips to applying for scholarships.



https://youtu.be/B9720zR4o1Y



https://youtu.be/Fc5CYEPd3dk

# **Post-Secondary Education**

Students may pursue education to advance their journeys toward aviation and aerospace careers. The following pages list colleges and trade schools which offer aviation and aerospace curriculum. Use the legend to identify each institution's specialties.

Click the links to access specific information about each school.

#### Alabama

Alabama Aviation College - Andalusia - AM

https://www.escc.edu/alabama-aviation-center/andalusia-campus/

Alabama Aviation College - Ozark - AM

https://www.escc.edu/alabama-aviation-center/ozark-campus/

Auburn University - AE - APM - AVM - PP - UAS

www.auburn.edu/academic/provost/aviationcenter

Calhoun Community College - AM

www.calhoun.edu

Coastal Alabama Community College - AM

http://www.coastalalabama.edu/aviation/

Community College of the Air Force - AM - AVM

http://www.airuniversity.af.edu/Barnes/CCAF/

Enterprise State Community College - AM

www.escc.edu

Troy University - PP - UAS

www.troy.edu

Tuskegee University - AE

https://www.tuskegee.edu/programs-courses/colleges-schools/coe/aerospace-science-engineering

University of Alabama - AE

https://aem.eng.ua.edu/

University of Alabama - Huntsville - AE

https://www.uah.edu/eng/departments/mae

Wallace State Community College - PP

https://www.wallacestate.edu/programs/technical-division/aviationflight-technology

#### Alaska

University of Alaska - Anchorage - AM - APM - AVM - PP

www.uaa.alaska.edu/aviation

University of Alaska - Fairbanks - AE - AM - PP

www.uaf.edu

#### **Arizona**

Arizona State University - AE - ATC - APM - AVM - PP - UAS

https://poly.engineering.asu.edu/aviation/

Chandler-Gilbert Community College - AM - PP - UAS

https://www.cgc.edu/degrees-certificates/aviation

Cochise Community College - ATC - PP

www.cochise.edu/flycochise

Embry-Riddle Aeronautical University - AE - ATC - ABM - PP - UAS

www.prescott.erau.edu/

Pima Community College - AM - AVION

www.pima.edu/aviation

University of Arizona - AE

https://ame.engineering.arizona.edu/

#### **Arizona**

Western Maricopa Education Center - AM <a href="http://www.west-mec.org/">http://www.west-mec.org/</a>
Yavapai Community College - AE - PP - UAS <a href="http://www.yc.edu/aviation">www.yc.edu/aviation</a>

#### **Arkansas**

Arkansas Northeastern College - AM

https://www.anc.edu/certificates/technical/technical certificates.htm#Aviation Maintenance

Arkansas State University Mid-South - AM

https://www.asumidsouth.edu/aviation-technology/

Henderson State University - ATC - APM - AVM - PP - UAS

www.hsu.edu/aviation

Ozarka College - PP

https://otc.ozarka.edu/fly/

Southern Arkansas University Tech - Camden and Texarkana - AM

http://www.sautech.edu/programs-degrees/aviation/

University of Arkansas - Pulaski Technical College - AM

www.uaptc.edu/aerospace

#### California

University of California - Davis - AE

https://mae.ucdavis.edu/

University of California - Irvine - AE

https://engineering.uci.edu/dept/mae

University of California - Los Angeles - AE

https://www.mae.ucla.edu/

Antelope Valley College - AM - MM

http://www.avc.edu/academics/aero

Aviation Institute of Maintenance - Fremont - AM

https://aviationmaintenance.edu/campuses/fremont-ca/

California Aeronautical University - ATC - AM - ABM - PP

www.calaero.edu

California Baptist University - ATC - AVM - PP - UAS

http://www.calbaptist.edu/department-of-aviation-science/

California Polytechnic State University - Pomona - AE

https://www.cpp.edu/engineering/aro/index.shtml

California Polytechnic State University - San Luis Obispo - AE

https://aero.calpoly.edu/

California State University - Los Angeles - AVM

www.calstatela.edu/ecst/tech

California State University, Long Beach - AE

https://www.csulb.edu/college-of-engineering/mechanical-aerospace-engineering

Chaffey College - AM

https://www.chaffey.edu/acc/mit/mit-academic/aviation.php

#### California

City College of San Francisco - AM

http://www.ccsf.edu/amt

College of Alameda - AM - AVION

www.alameda.peralta.edu/aviation-maintenance-technology

Cypress College - AVM - PP - UAS

https://careers.cypresscollege.edu/department/aviation-and-travel-careers-atc/

Gavilan College - AM - UAS

http://www.gavilan.edu/academic/aviation

Glendale Community College - ABM - PP

http://www.glendale.edu/academics/academic-divisions/technology-aviation/aviation

Mount San Antonio College - ATC - AM - PP

www.mtsac.edu/aeronautics

North Valley Occupational Center - AM

https://www.nvoc.org/apps/pages/index.jsp?uREC\_ID=380318&type=d&pREC\_ID=862329

Orange Coast College - AM - PP - UAS

www.orangecoastcollege.edu

Pacific Union College - PP

https://www.puc.edu/academics/departments/aviation

Reedley College - AM - PP

www.reedleycollege.edu

Sacramento City College - ATC - AM - PP

www.scc.losrios.edu/aero/

San Bernardino Valley College - AM - PP

www.valleycollege.edu

San Diego Christian College - AVM - PP - UAS

www.sdcc.edu

San Diego Miramar College - AM - ABM - AVM - PP

www.sdmiramar.edu

San Diego State University - AE

https://aerospace.sdsu.edu/

San Joaquin Valley College - AM

http://sjvc.edu/campuses/central-california/fresno-aviation

San Jose State University - AE - AVM - MM - PP

www.sisu.edu/avtech

Solano Community College - AM

www.solano.edu/business/aeronautics.php

Spartan College of Aeronautics and Technology - Los Angeles - AM

www.spartan.edu/los-angeles/

Spartan College of Aeronautics and Technology - Riverside - AM

www.spartan.edu/inland-empire/

Stanford University - AE

https://aa.stanford.edu/

University of California - San Diego - AE

https://mae.ucsd.edu/

#### California

University of Southern California - AVM

https://aviationsafety.usc.edu/

Victor Valley College - AM - UAS

http://www.vvc.edu/academic/aviation-tech/

West Los Angeles College - AM

www.wlac.edu/aviation-technology/index.aspx

#### Colorado

Aims Community College - ATC - PP - UAS

www.aims.edu/academics/aviation

Colorado Mesa University - AVM - PP

https://www.coloradomesa.edu/wccc/programs/aviation.html

Colorado Northwestern Community College - AM - PP

www.cncc.edu

Metropolitan State University of Denver - AE - ATC - APM - AVM - PP - UAS

www.msudenver.edu/aviation-and-aerospace

Spartan College of Aeronautics And Technology - Denver - AM

http://www.spartan.edu/denver

Western Colorado Community College - PP

http://www.coloradomesa.edu/wccc/programs/aviation.html

Connecticut

Connecticut Aero Tech School - AM

http://ctaero.cttech.org/index.html

Naugatuck Valley Community College - AVM - PP

www.nv.edu

Stratford School for Aviation Maintenance Technicians - AM

http://ssamt.cttech.org/index.html

#### Delaware

Delaware State University - AVM - PP

www.desu.edu/aviation

Delaware Technical Community College - AM - ABM

www.dtcc.edu

Wilmington University - ABM - AVM

https://www.wilmu.edu/business/professional-aeronautics.aspx

#### **District of Columbia**

University of District of Columbia - AM

https://www.udc.edu/cc/programs-majors/aviation-maintenance-technology-aas/

#### Florida

Aviation Institute of Maintenance - Orlando - AM - AVION https://aviationmaintenance.edu/campuses/orlando-fl/

#### **Florida**

Aviator College of Aeronautical Science & Tech Fort - AM - PP

http://www.aviator.edu/aviation

Broward College Aviation Institute - ATC - APM - ABM - AVM - MM - PP

www.broward.edu/aviation

Eastern Florida State College - AM

http://www.easternflorida.edu/

Embry-Riddle Aeronautical University - AE - ATC - AM - APM - ABM - AVM - AVION - MM - PP - UAS -

www.daytonabeach.erau.edu

Everglades University - APM - ABM - AVM - MM - PP - UAS

www.evergladesuniversity.edu

Florida Institute of Technology - AE - ATC - APM - AVM - PP

http://www.fit.edu/aeronautics

Florida Memorial University - AE - ATC - AM - AVM - PP

www.fmuniv.edu

Florida State College at Jacksonville - ATC - AM - ABM - MM - PP

https://www.fscj.edu/academics/areas-of-study/stem

George Stone Technical Center - AM

https://www.georgestonecenter.com/

Hobe Sound Bible College - PP

www.hsbc.edu

Jacksonville University - ATC - APM - AVM - PP

www.ju.edu/aviation

Lively Technical College - AM

http://www.livelytech.com/

Lorenzo Walker Technical College - AM

http://www.lwtc.edu/

Lynn University - ATC - AVM - PP

www.lynn.edu/academics/colleges/aeronautics

Miami Valley Career Technology Center - AM

http://www.mvctc.com/

Miami-Dade College - APM - ABM - AVM - MM - PP

www.mdc.edu/aviation

National Aviation Academy - Clearwater - AM

http://www.naa.edu/

Pasco-Hernando State College - AVM - MM - PP - UAS

https://www.phsc.edu/academics/programs/transportation

Polk State College - AM - ABM - AVM - MM - PP

www.polk.edu/aerospace

Southeastern University - AVM - PP

www.seu.edu/aviation

University of Florida - AE

https://mae.ufl.edu/aerospace-engineering/

University of Miami - AE

https://mae.coe.miami.edu/

#### Georgia

Augusta Technical College - AM

http://www.augustatech.edu/aviation.cms

Aviation Institute of Maintenance - Atlanta - AM

https://aviationmaintenance.edu/campuses/atlanta-ga/

Central Georgia Technical College - AM

www.centralgatech.edu

Georgia Institute of Technology - AE

https://ae.gatech.edu/

Georgia Northwestern Technical College - AM - AVION

www.gntc.edu

Middle Georgia State University - ATC - AM - APM - AVM - PP - UAS

www.mga.edu/aviation

Savannah Technical College - AM - AVION

https://www.savannahtech.edu/academics/all-programs/aircraft-technology/

South Georgia Technical College - AM - AVION

https://www.southgatech.edu/programs/aviation-maintenance-technician/

#### Hawaii

Honolulu Community College - AM http://www.honolulu.hawaii.edu/aero

#### Idaho

Idaho State University - AM

https://www.isu.edu/aircraft/

North Idaho College - AM - AVION

http://www.nic.edu/

Treasure Valley Community College - PP

http://www.tvcc.cc/aviation/index.cfm

#### Illinois

Illinois Institute of Technology - AE

https://www.iit.edu/mmae

Institute of Aviation at Parkland College - PP

aviation.parkland.edu

Kishwaukee College - PP

www.kishwaukeecollege.edu

Lewis University - ATC - AM - ABM - AVM - AVION - MM - PP - UAS

https://www.lewisu.edu/academics/aviation/index.htm

Lincoln Land Community College - AM - AVM

https://www.llcc.edu/career-training/workforce/aviation/

Quincy University - AVM - PP

https://www.quincy.edu/academics/undergraduate-programs/science-and-technology-program/aviation/

#### Illinois

Rock Valley College - AM

https://www.rockvalleycollege.edu/Courses/Programs/Aviation/index.cfm

Southern Illinois University Carbondale - AM - AVM - PP

http://www.aviation.siu.edu/

Southwestern Illinois College - AM - AVM - PP

https://www.swic.edu/academics/career-degrees/aviation/aviation-maintenance-technology/

University of Illinois - AE

https://www.aerospace.illinois.edu/

#### Indiana

Aviation Institute of Maintenance - Indianapolis - AM

https://aviationmaintenance.edu/campuses/indianapolis-in/

Indiana State University - AVM - PP - UAS

http://www.indstate.edu/technology/avt-ugmajors

Ivy Tech Community College - AM - AVM - PP

https://www.ivytech.edu/programs-a-z/index.html

Purdue University - AE - AM - APM - ABM - AVM - PP - UAS

https://www.purdue.edu/

University of Notre Dame - AE

https://ame.nd.edu/

Vincennes University Aviation Technology Center - AM - PP

https://www.vinu.edu/web/atc

#### lowa

Indian Hills Community College - AM - AVION - PP

www.indianhills.edu

Iowa Central Community College - PP

www.iowacentral.edu

Iowa Lakes Community College - APM - PP

www.iowalakes.edu

Iowa State University - AE

https://www.aere.iastate.edu/

Iowa Western Community College - AM - AVM - PP

http://www.iwcc.edu/

University of Dubuque - AVM - PP - UAS

https://www.dbg.edu/Academics/OfficeofAcademicAffairs/AcademicDepartments/Aviation/

#### **Kansas**

Central Christian College of Kansas - AVM

www.centralchristian.edu/aviation

Hesston College - ATC - PP

https://www.hesston.edu/aviation/

Kansas State University at Salina - APM - MM - PP - UAS

https://www.salina.k-state.edu/academics/degree-options/

#### Kansas

University of Kansas - AE- UAS

http://ae.engr.ku.edu/

Wichita State University - AE

https://www.wichita.edu/academics/engineering/aerospace/

WSU Tech - AM

https://wsutech.edu/

#### Kentucky

Eastern Kentucky University - AE - AVM - PP

www.aviation.eku.edu

Jefferson Community and Technical College - AM

https://jefferson.kctcs.edu/education-training/program-finder/aviation-maintenance-technology.aspx

Madisonville Community Center - PP

https://madisonville.kctcs.edu/education-training/program-finder/aviation.aspx

Morehead State University - AE

http://www.moreheadstate.edu/ssc

Somerset Community College - AM

https://somerset.kctcs.edu/education-training/program-finder/aviation-maintenance-technology.aspx

#### Louisiana

Baton Rouge Community College - AM - PP

https://www.mybrcc.edu/academics/transportation\_technology/aviationmaintenance/

aviationmaintenance.php

Louisiana Tech University - AVM - PP

www.latech.edu

South Louisiana Community College - AM -AVION - PP

http://www.solacc.edu/helicopter-aviation

Southern University at Shreveport - AM

www.susla.edu

Sowela Technical Community College - AM

https://www.sowela.edu/programs/school-of-transportation-applied-technology/aviation-maintenance-technology/

University of Louisiana, Monroe - PP - UAS

https://www.ulm.edu/cbss/aviation/

#### Maine

University of Maine, Augusta - PP - UAS

https://www.uma.edu/academics/programs/aviation/

#### Maryland

Capitol Technology University - AE - UAS

https://www.captechu.edu/fields-of-study/aviation-and-unmanned-systems

#### Maryland

Community College of Baltimore County - ATC - AVM - PP - UAS

https://www.ccbcmd.edu/aviation

Pittsburgh Institute of Aviation - Hagerstown - AM

https://pia.edu/campuses/hagerstown/

University of Maryland - AE

https://aero.umd.edu/undergraduate

University of Maryland, Eastern Shore - AVM - PP

www.umes.edu/aviation

#### Massachusetts

Bridgewater State University - AVM - PP

www.bridgew.edu/aviation

Cape Cod Community College - AM

www.capecod.edu/aviation

Massachusetts Institute of Technology - AE

http://aeroastro.mit.edu/

Middlesex Community College - AM

https://catalog.middlesex.mass.edu/preview\_program.php?catoid=28&poid=3233&returnto=2523

National Aviation Academy - New England - AM

http://www.naa.edu/

North Shore Community College - AVM - PP

https://www.northshore.edu/search/?q=aviation

Quinsigamond Community College - AM

https://www.qcc.edu/academics/installation-maintenance-and-repair-technology/aviation-maintenance-technology

Worcester Polytechnic Institute - AE

https://www.wpi.edu/academics/departments/aerospace-engineering

#### Michigan

Andrews University - AM - ABM - MM - PP - UAS

https://www.andrews.edu/cp/aviation/

Cornerstone University - PP

http://www.cornerstone.edu/academics/undergrad/missions-aviation-major

Eastern Michigan University - AVM - PP

https://www.emich.edu/cet/tech-professional-mgmt/programs/aviation/programs/aviation-flight-

technology/index.php

Jackson College - PP

www.jccmi.edu

Lansing Community College - AM

https://www.lcc.edu/academics/areas-of-study/computers-engineering-technology/aviation/

Miat College of Technology - AM

www.miat.edu/programs/aviation/

Northwestern Michigan College - PP - UAS

https://www.nmc.edu/programs/academic-programs/aviation/

#### Michigan

School of Missionary Aviation Technology - AM - PP

http://www.smat.edu/

University of Michigan - AE

https://aero.engin.umich.edu/

Western Michigan University - AE - AM - AVM - AVION - PP - UAS

www.wmich.edu/aviation

#### Minnesota

Academy College - ATC - ABM - PP

https://www.academycollege.edu/programs/aviation

Lake Superior College - AM - AVM - PP - UAS

https://degrees.lsc.edu/?\_sf\_s=aviation

Metropolitan State University - AVM

www.metrostate.edu

Minneapolis Community & Technical College - AM

http://www.minneapolis.edu/academics/school-trade-technologies/aircraft-maintenance-technician

Minnesota State University-Mankato - AVM - PP

https://ed.mnsu.edu/academic-programs/Aviation/

Northland Community & Technical College - AM - UAS

www.northlandcollege.edu/aerospace

University of Minnesota - AE

http://www.aem.umn.edu/

University of Minnesota - Crookston - PP

www.umcrookston.edu/aviation

#### Mississippi

Delta State University - AVM - PP

www.deltastate.edu

Hinds Community College - ATC - AM - APM - PP - UAS

https://www.hindscc.edu/programs-of-study/career-technical

Mississippi State University - AE

https://www.ae.msstate.edu/

Northwest Mississippi Community College - AM

http://www.northwestms.edu/

#### Missouri

Aviation Institute of Maintenance - Kansas City - AM

https://aviationmaintenance.edu/campuses/kansas-city-mo/

Missouri University of Science and Technology - AE

http://mae.mst.edu/

Saint Louis University - AE - ATC - AVM - PP

www.slu.edu/parks

State Technical College of Missouri - AM

www.statetechmo.edu/academic/tam

#### Missouri

University of Central Missouri - APM - AVM - MM - PP www.ucmo.edu/aviation

#### Montana

Helena College - AM

<a href="http://www.helenacollege.edu">http://www.helenacollege.edu</a>

Montana State University - PP

<a href="https://gallatin.montana.edu/programs/aviation.html">https://gallatin.montana.edu/programs/aviation.html</a>

Rocky Mountain College - AVM - PP

<a href="https://www.rocky.edu">www.rocky.edu</a>

University of Montana - UAS

<a href="https://www.umt.edu/aaso/default.php">https://www.umt.edu/aaso/default.php</a>

#### Nebraska

University of Nebraska, Kearney - AVM - PP

www.unk.edu/aviation

University of Nebraska, Omaha - AVM - PP - UAS

https://www.unomaha.edu/college-of-public-affairs-and-community-service/aviation/

Western Nebraska Community College - AM

https://www.wncc.edu/academics/programs-of-study/aviation-maintenance

#### Nevada

Aviation Institute of Maintenance - Las Vegas - AM - AVION https://aviationmaintenance.edu/campuses/las-vegas-nv/
College of Southern Nevada - AVM - PP
https://www.csn.edu/programs/aviation-technology
University of Nevada, Reno - UAS
www.unr.edu/degrees/uas
Western Nevada College - PP
www.wnc.edu

#### New Hampshire

Nashua Community College - AM
<a href="http://nashuacc.edu/">http://nashuacc.edu/</a>
Southern New Hampshire University - AE - APM - AVM
www.snhu.edu

#### **New Jersey**

Atlantic Cape Community College - ATC - PP <u>www.atlantic.edu</u> Bergen Community College - AVM <u>www.bergen.edu/aviation</u>

#### **New Jersey**

Mercer County Community College - AVM - PP

www.mccc.edu/aviation

Rutgers University - New Brunswick - AE

https://admissions.rutgers.edu/academics/find-your-major/aerospace-engineering/new-brunswick

Teterboro School of Aeronautics - AM

http://www.teterboroschool.com/

Thomas Edison State College - ATC - AM - AVM - PP

https://www.tesu.edu/ast/programs/aviation

#### **New Mexico**

Central New Mexico Community College - AM

https://www.cnm.edu/programs-of-study/programs-a-z/aviation-technology

Eastern New Mexico University, Portales - ATC - APM - ABM

www.enmu.edu/aviation

Eastern New Mexico University, Roswell - AM - PP

https://www.roswell.enmu.edu/aviation-maintenance-technology/

New Mexico State University - AE

https://mae.nmsu.edu/

#### **New York**

Clarkson University - AE

https://www.clarkson.edu/undergraduate/aeronautical-engineering

CUNY Aviation Institute at York College - AVM

www.york.cuny.edu/aviation

Dutchess Community College - AVM - PP

www.sunydutchess.edu

Farmingdale State College - AVM - PP

www.farmingdale.edu/pilot

Mohawk Valley Community College - AM - UAS

https://www.mvcc.edu/academics/stem/airframe\_powerplant/index.php

Rensselaer Polytechnic Institute - AE

https://mane.rpi.edu/undergraduate/aeronautical-engineering

Schenectady County Community College - ATC - AVM - PP

https://sunysccc.edu/Academics/Liberal-Arts/Academic-Programs/Aviation-Science-AS.html

Syracuse University - AE

https://eng-cs.syr.edu/our-departments/mechanical-and-aerospace-engineering/

University of Buffalo - AE

http://engineering.buffalo.edu/mechanical-aerospace.html

Vaughn College of Aeronautics - ATC - AM - APM - ABM - AVM - AVION - MM - PP

www.vaughn.edu/ati

#### North Carolina

A-B Tech Community College - AVM - PP www.abtech.edu/aviation

#### North Carolina

Aviation Institute of Maintenance - Charlotte - AM

https://aviationmaintenance.edu/campuses/charlotte-nc/

College of the Albemarle - AM

www.albemarle.edu/aviation

Craven Community College - AM

www.cravencc.edu

Elizabeth City State University - ATC - AVM - PP

www.ecsu.edu

Guilford Tech Community College - AM - AVM - AVION - PP - UAS

www.gtcc.edu

Lenoir Community College - AVM - PP - UAS

www.lenoircc.edu

North Carolina State University - AE

https://www.mae.ncsu.edu/

Wayne Community College - AM

www.waynecc.edu/aviation/

#### North Dakota

North Dakota State University - PP

www.ndsu.edu

University of North Dakota - ATC - AM - APM - ABM - AVM - MM - PP - UAS

www.aero.und.edu

#### Ohio

Bowling Green State University - AVM - PP

www.bgsu.edu/aviation

Case Western Reserve University - AE

https://case.edu/programs/aerospace-engineering-ms

Cincinnati State Technical and Community College - AM - AVION - UAS

www.cincinnatistate.edu

Clark State Community College - PP

www.clarkstate.edu

Columbus State Community College - AM - AVION

www.cscc.edu/academics/departments/aviation-maintenance

Kent State University - AE - ATC - AM - AVM - PP - UAS

www.kent.edu

Mahoning County Career & Technical Center - AM

http://www.mahoningctc.com/

Ohio University - AVM - PP

www.ohio.edu/aviation

Pittsburgh Institute of Aeronautics - Youngstown - AM

http://www.pia.edu/

Sinclair Community College - AM - PP - UAS

www.sinclair.edu

#### Ohio

The Ohio State University - AE - AVM - PP

https://aviation.osu.edu/

University of Akron - AE

https://www.uakron.edu/engineering/me/undergraduate/aerospace-systems

University of Cincinnati, Clermont College - PP

www.ucclermont.edu

#### Oklahoma

Canadian Valley Technology Center - AM

https://cvtech.edu/

Metro Technology Center - AM - AVION - UAS

http://www.metrotech.edu/

Oklahoma State University - AE - AVM - MM - PP

www.okstate.edu

Southeastern Oklahoma State University - AVM - AVION - PP

www.aviation.se.edu

Southern Nazarene University - AM - AVION - UAS

http://www.snu.edu/

Southwest Technology Center - AM

http://www.swtech.edu/

Spartan College of Aeronautics And Technology - Tulsa - AM - AVM - PP

www.spartan.edu

Tulsa Community College - ATC - AVM - PP

<u>www.tulsacc.edu</u>

University of Oklahoma - AE - ATC - ABM - AVM - PP

www.aviation.ou.edu

Western Oklahoma State College - AM - PP

www.wosc.edu

#### Oregon

Central Oregon Community College - PP - UAS

www.cocc.edu/programs/aviation

Columbia Gorge Community College - AM - UAS

https://www.cgcc.edu/

Klamath Community College - PP

https://www.klamathcc.edu/Academics/Programs/Aviation-Science

Lane Community College - AM - PP

www.lanecc.edu/aviationacademy

Portland Community College - AM - PP - UAS

www.pcc.edu/programs/aviation-science

#### Pennsylvania

Aviation Institute of Maintenance - Philadelphia - AM - AVION - UAS https://aviationmaintenance.edu/campuses/philadelphia-pa/

#### Pennsylvania

Community College of Allegheny County - AVM - PP

www.ccac.edu

Community College of Beaver County - ATC - AVM - PP - UAS

https://www.ccbc.edu/schools/school-aviation

Eastern Mennonite University, Lancaster - AM - APM - PP

www.emu.edu/lancaster/aviation

Lehigh Carbon Community College - PP

www.lccc.edu/aviation

Marvwood University - APM - PP

www.marywood.edu

Pennsylvania College of Technology - AM

www.pct.edu/academics/tnrt/aviation

Pennsylvania State University - AE - UAS

https://www.aero.psu.edu/

Pittsburgh Institute of Aeronautics - AM - AVION

www.pia.edu

#### **Puerto Rico**

Caribbean Aviation Training Institute - AM

https://www.caribav.com/

Inter American University of Puerto Rico - ATC - AVM - PP

www.interamerican.aero

Puerto Rico Aviation Maintenance Institute - AM

http://pramiceiba.wixsite.com/library

#### South Carolina

Greenville Technical College - AM - AVION

https://www.gvltec.edu/

Pittsburgh Institute of Aeronautics - Myrtle Beach - AM

https://pia.edu/campuses/myrtle-beach/

Technical College of the Lowcountry - AM - AVION - UAS

http://www.tcl.edu/

Trident Technical College - AM

https://www.tridenttech.edu/academics/divisions/aero/

University of South Carolina - AE

https://www.sc.edu/study/majors\_and\_degrees/aerospace\_engineering.php

US AeroTech Institute - AM

http://www.usaerotech.net/

#### South Dakota

Lake Area Technical Institute - AM - PP

https://www.lakeareatech.edu/academics/aviation/professional-fixed-wing-pilot/

South Dakota State University - PP

www.sdstate.edu/consumer-sciences/aviation

#### **Tennessee**

Christian Brothers University - UAS

www.cbu.edu

Middle Tennessee State University - ATC - AM - ABM - AVM - MM - PP - UAS

www.mtsu.edu/aerospace

North Central Institute - AM

http://www.nci.edu/

Northeast State Community College - AM - AVION - UAS

www.northeaststate.edu/Programs-of-Study/Aviation

Tennessee College of Applied Technology - Memphis - AM

www.tcatmemphis.edu

Tennessee College of Applied Technology - Morristown - AM - AVION - UAS

http://www.tcatmorristown.edu/

Tennessee College of Applied Technology - Nashville - AM

www.tcatnashville.edu

Tennessee State University - AVM - PP

www.tnstate.edu/ait

University of Memphis - AVM - PP

www.memphis.edu

University of Tennessee - AE

https://mabe.utk.edu/

#### **Texas**

Amarillo College - AM

https://www.actx.edu/

Aviation Institute of Maintenance - Dallas - AM - AVION - UAS

https://aviationmaintenance.edu/campuses/dallas-tx/

Aviation Institute of Maintenance - Houston - AM

https://aviationmaintenance.edu/campuses/houston-tx/

Baylor University - ATC - ABM - PP

www.baylor.edu/aviation

Central Texas College - PP

www.ctcd.edu

Del Mar College - AM

https://delmar.edu/

Hallmark University - AM - AVM

www.hallmarkuniversity.edu/aeronautics/

LeTourneau University - ATC - AM - APM - AVM - MM - PP - UAS

www.letu.edu/academics/aviation/

Miat College of Technology - AM

https://www.miat.edu/programs/aviation/

Midland College - AM

www.midland.edu

Palo Alto College - ATC - AVM - PP - UAS

www.alamo.edu

#### **Texas**

San Jacinto College - AM

www.sanjac.edu

Southwest Texas Junior College - AM

http://www.swtjc.edu/

St. Philips College - AM - AVION

https://www.alamo.edu/spc/academics/programs/advanced-manufacturing-and-logistics/aircraft-technician/

Tarrant County College - AM - PP

www.tccd.edu

Texas A&M University - AE - AVM - PP

www.tamu.edu

Texas A&M University - Central Texas - AVM - PP

www.tamuct.edu

Texas Southern University - AVM - PP

www.tsu.edu

Texas State Technical College - Abilene - AM

www.tstc.edu/campuses/abilene

Texas State Technical College - Harlingen - AM

www.tstc.edu/campuses/harlingen

Texas State Technical College - Waco - ATC - AM - PP

www.tstc.edu/campuses/waco

University of North Texas - AVM

https://www.unt.edu/academics/undergrad/aviation-logistics

University of Texas - Arlington - AE

https://www.uta.edu/academics/schools-colleges/engineering/academics/departments/mechanical-

aerospace

University of Texas - Austin - AE

https://www.ae.utexas.edu/

#### Utah

Salt Lake Community College - AM

http://www.slcc.edu/satts/programs/aviation-maintenance.aspx

Southern Utah University - PP

www.suu.edu/business/aviation

Utah State University - MM - PP - UAS

www.aste.usu.edu/aviation/

Utah Valley University - AM - AVM - PP

www.uvu.edu/aviation

#### Vermont

Vermont Technical College - PP www.vtc.edu

#### Virginia

Averett University - ABM - PP

https://www.averett.edu/academics/majors-and-programs/undergraduate/aeronautics/

Aviation Institute of Maintenance - Norfolk - AM - AVION - UAS

https://aviationmaintenance.edu/campuses/norfolk-va/

Aviation Institute of Maintenance - Northern Virginia - AM - AVION - UAS

https://aviationmaintenance.edu/campuses/nova/

Blue Ridge Community College - AM - UAS

https://www.blueridge.edu/

Hampton University - ATC - AVM - PP

www.hamptonu.edu

Liberty University - AM - MM - PP - UAS

www.liberty.edu/aviation

University of Virginia - AE

https://engineering.virginia.edu/departments/mechanical-and-aerospace-engineering

#### Washington

Big Bend Community College - AM - PP

www.bigbend.edu/aviation

Central Washington University - AVM - PP

www.cwu.edu/aviation

Clover Park Technical College - AM - AVION - PP

https://www.cptc.edu/programs/school-of-aviation

Edmonds Community College - AE - AM - AVION

https://www.edcc.edu/workforce/aerospace/students.html

Everett Community College - AM - AVION

www.everettcc.edu/aviation

Green River College - ATC - APM - AVM - PP - UAS

www.instruction.greenriver.edu/aviation

Moody Bible Institute - AM - PP

www.moody.edu/aviation

South Seattle Community College - AM

https://southseattle.edu/programs/aeronautical-technology

Spokane Community College - AM - AVION

https://scc.spokane.edu/What-to-Study/Hands-on-Building-Trades/Aviation-Maintenance-Technology

Walla Walla University - AVM - PP

fly.wallawalla.edu

#### West Virginia

Fairmont State University - ABM - AVM - MM - PP

https://www.fairmontstate.edu/schoolofbusiness/academics/department-aviation

Mountwest Community And Tech College - PP - UAS

www.mctc.edu

Pierpont Community and Technical College - AM

https://www.pierpont.edu/ac/programs/aviation-maintenance-technology

#### West Virginia

West Virginia University - AE <a href="https://mae.statler.wvu.edu/">https://mae.statler.wvu.edu/</a>
West Virginia University Institute of Technology - AE - AVM - PP <a href="https://bhss.wvutech.edu/departments/aviation-management">https://bhss.wvutech.edu/departments/aviation-management</a>

#### Wisconsin

Fox Valley Technical College - AM - AVION - PP

www.fvtc.edu/programs/aviation

Gateway Technical College - PP

https://www.gtc.edu/programs/associate-degrees/aeronautics-pilot-training

Milwaukee Area Technical College - AM

http://www.matc.edu/

University of Wisconsin, Oshkosh - AVM

https://uwosh.edu/online/online-degree-programs/aviation-management/

#### **Wyoming**

Casper College - PP www.caspercollege.edu/aviation

# **Salary Tables**

The following pages feature salary information relating to specific roles within the aviation and aerospace industry. Collected from our friends at avjobs.net, these are to serve only as a reference. Salaries may vary due to location, experience, budget, and other driving forces.

# **Aerospace & Engineering Salaries**

Title	Minimum	Average	Maximum
Advanced Programs Engineer	100,000	125,000	150,000
Aeronautical Information Specialist	72,030	102,748	133,465
Aerospace or Metals Inside Sales	70,000	75,000	80,000
Aerospace Defense Project Manager	85,000	90,000	95,000
Aerospace Engineer	60,073	117,214	150,000
Aerospace Manufacturing Engineer	60,000	80,000	100,000
Aerospace Project Engineer	60,000	80,000	100,000
Aerospace Quality Assurance Engineer	80,000	90,000	100,000
Aerospace Quality Assurance Manager	50,000	55,000	60,000
Aerospace Sales Manager	150,000	175,000	200,000
Aircraft Structural Design Engineer	80,000	95,000	110,000
Aircraft Systems Engineer	98,000	110,500	123,000
Airport Network Engineer	80,000	85,000	90,000
Airport Program Engineer	70,720	76,295	81,869
Aviation Fuel System Engineer	80,000	90,000	100,000
Aviation Program Engineer	60,530	84,705	108,879
Aviation Project Manager Software	100,000	105,000	110,000
Aviation Technology Program Director	100,000	125,000	150,000
Embedded Software Engineer	83,300	109,750	136,200
Engineering Manager	100,000	149,286	200,000
Field Support Engineer	40,000	50,000	60,000
Flight Engineer	63,112	72,576	82,040
Full Stack Software Development	100,000	117,500	135,000
Geographic Information System Professional	45,000	50,000	55,000
Infrastructure Engineer	60,000	62,000	64,000
Lead Aircraft Mechanical Engineer	123,000	123,000	123,000
Lead Quality Engineer	75,000	85,000	95,000
Market Manager Aerospace	150,000	175,000	200,000
Mechanical Engineer	80,000	92,500	105,000
Program Manager Aerospace	110,000	120,000	130,000
Project Manager Airport Design	100,000	125,000	150,000
Proposal Development Engineer	80,000	90,000	100,000
Quality Assurance Engineer Aerospace	70,000	90,000	110,000
Quality Engineer Aerospace	60,000	87,000	110,000
Rocket Propulsion CFD Engineer	90,000	105,000	120,000
Sales Manager Aerospace And Defense	110,000	125,000	140,000
Senior Aerospace Project Engineer	60,000	90,000	120,000
Senior Aircraft Electrical Engineer	100,000	117,500	135,000
Senior Airport Civil Engineer	100,000	125,000	150,000
Senior Component Engineer	80,000	90,000	100,000
Senior Planner Aerospace	90,000	100,000	110,000
Senior Project Engineer	100,000	125,000	150,000
Software Engineer Aviation Weather	70,000	85,000	100,000
Software Quality Assurance Engineer	70,000	85,000	100,000
Spacecraft Test Engineer	80,000	115,000	150,000
Structural Engineer	70,000	80,000	90,000
System Safety Engineer	125,000	135,000	145,000
Test Engineer	120,000	132,500	145,000

## **Airport & Aviation Operations Salaries**

Title	Minimum	Average	Maximum
Account Manager	80,000	90,000	100,000
Admissions Representative	35,000	42,500	50,000
Air Traffic Controller	80,000	90,000	100,000
Aircraft Conformity Specialist	75,000	85,000	95,000
Aircraft Dispatcher	18,400	24,500	30,600
Aircraft Maintenance Controller	65,000	67,500	70,000
Airline Customer Service Representat	30,000	42,500	55,000
Airline Product Manager	45,000	50,000	55,000
Airport Administrative Assistant	32,843	38,646	44,450
Airport Badge ID Coordinator Badge	47,894	59,867	71,840
Airport Customer Experience Supervis	47,894	59,867	71,840
Airport Facilities Supervisor	42,485	47,361	52,237
Airport IT Project Manager	75,000	80,000	85,000
Airport Manager	70,668	90,006	115,856
Airport Operations Maintenance Manager	72,800	82,800	92,800
Airport Operations Specialist	48,887	50,758	60,000
Airport Operations Supervisor	43,000	54,456	71,840
Airport Police Officer	41,933	41,933	41,933
Airport Security Supervisor	44,622	49,735	54,848
Assistant Airport Director Of Information	77,106	93,520	109,935
Assistant Director of Maintenance	100,000	100,000	100,000
Assistant Director of Operations	110,000	110,000	110,000
Assistant Flight Operations Training	55,000	57,500	60,000
Assistant Quality Manager	60,000	61,000	62,000
Auditor Quality Assurance	80,000	90,000	100,000
Aviation Faculty	45,898	67,085	88,272
Aviation Firefighters	31,000	39,500	48,000
Aviation Management And Safety Specialist	76,721	100,838	124,955
Aviation Resource Management Specialist	51,440	59,154	66,868
Aviation Safety Inspector	90,621	104,216	117,810
Aviation Technology Program Director	100,000	125,000	150,000
Aviation Transportation Planner	39,581	49,476	59,372
Base Crew Scheduler	28,173	28,173	28,173
Chief Scientific And Technical Advisor	100,000	150,000	200,000
Coordinator Inflight Operations	38,250	41,625	45,000
Deputy Director Airport	70,102	89,382	108,661
Deputy Director of Aviation	72,172	104,814	137,456
Director Of Airport Development	85,901	103,081	120,261
Director of Aviation Programs	80,000	90,000	100,000
Director of Business Development	130,000	145,000	160,000
Director of Maintenance	100,000	112,500	125,000
Duty Manager Commercial Aviation	50,000	52,500	55,000
FBO Line Service Manager	45,000	55,000	65,000
FBO Manager Regional Airport	45,694	54,986	64,277

## **Airport & Aviation Operations Salaries**

Title	Minimum	Average	Maximum	
Flight Coordinator	50,000	57,500	65,000	
Flight Director	40,000	41,000	42,000	
Flight Operations Technician	29,370	32,375	35,381	
Flight Services Specialist	51,875	59,655	67,434	
Flight Support Coordinator	40,000	45,000	50,000	
Human Resources and Administrative Coordinator	40,000	42,500	45,000 42,000 89,440	
Line Service Manager	36,000	39,000		
Maintenance Control Supervisor	85,000	87,220		
OEM Sales Manager	80,000	120,000	160,000	
Project Manager Airport Construction	100,000	115,000	130,000	
Project Manager Airport Design	100,000	125,000	150,000	
Purchasing Director	70,000	70,000	70,000	
Sales and Marketing	50,000	55,000	60,000	
Sales Director	97,000	123,500	150,000	
Sales Engineer	70,000	100,000	130,000 115,000 125,000	
Senior Contracts Administrator	100,000	107,500		
Senior Project Manager Airport Desiger	80,000	102,500		
Supervisory Air Traffic Control Specialist	134,194	157,574	180,954	
Supervisory Aviation Safety Inspector	95,812	129,829	167,149	
Supervisory Aviation Technical System	110,469	140,819	171,169	
Technical Asset Manager Powerplant	72,000	82,000	92,000	
Territory Sales Manager	80,000	120,000	160,000	
Unmanned Aircraft Systems Program Manager	60,530	84,705	108,879	
VP Charter Sales	135,000	147,500	160,000	
VP of Aftermarket Sales	100,000	122,500	145,000	

## **Maintenance & Technician Salaries**

Title	Minimum	Average	Maximum
Aircraft Maintenance Instructor	66,000	66,000	66,000
Aircraft Maintenance Quality Control Manager	65,000	77,500	90,000
Aircraft Mechanic Supervisor	71,730	77,772	83,814
Aircraft Mechanic with IA	65,000	75,000	85,000
Aircraft Missions Systems Technician	85,000	85,000	85,000
Aircraft Technician	56,649	71,765	86,880
Airport Electronic Technician	45,866	50,544	55,222
Airport Operations Maintenance Manager	72,800	82,800	92,800
Aviation Maintenance AP Instructor	38,000	44,624	60,342
Aviation Parts & Trading Specialist	50,000	57,500	65,000
Aviation Project Manager Software	100,000	105,000	110,000
Chief Mechanic	50,000	60,000	70,000
Director Aviation Maintenance Technology	80,000	85,000	90,000
Director of Maintenance	100,000	112,500	125,000
Experienced Avionics Technician	36,000	54,500	73,000
Interior Refurbishment Manager	75,000	85,000	95,000
Line Maintenance Manager	119,850	141,000	162,150
Operations Technician	42,053	49,383	56,712
Production Controller Aircraft	57,310	65,904	74,498
Shop Supervisor	38,000	39,500	41,000
Unmanned Aircraft System Maintenance	42,200	42,150	42,200

## **Pilot Salaries**

Title	Minimum	Average	Maximum 77,000	
135 Captain Cargo Pilot	55,000	66,000		
Base Crew Scheduler	28,173	28,173	28,173	
Black Hawk Pilots	80,000	85,000	90,000	
Captain and First officer	75,000 125,000		175,000	
Charter Pilot	35,000	55,000	75,000	
Corporate Pilot	50,000	62,500	75,000	
Deputy Law Enforcement Aircraft Pilot	50,221	64,085	77,949	
Fire Department Helicopter Pilot	73,132	92,041	110,949 82,040	
Flight Engineer	63,112	72,576		
Flight Test Pilot	97,163	123,858	150,552	
Maintenance Test Pilot	60,000	90,000	120,000	
Park Ranger Pilot	62,236	79,607	96,978	
Personal Pilot	100,000	115,000	130,000	
Pilot Part 91	90,000	107,500	125,000	

## **Career Readiness Tips**

The next section is the latest addition to the Career Planning Workbook. The following pages describes important career readiness best practices. Take advantage of the written information, as well as the videos, to expand your career planning knowledge. Capture the tips on the open notes pages.

This information, and more, is available to all students and job seekers who create profiles and utilize the career certification process. Go to <a href="https://www.PathwaysToAviation.org">www.PathwaysToAviation.org</a>, then click "Register as New User" to get started and access all the best practice articles and videos.

## **Career Planning Checklist**

Each person has a different career journey. And, while it's not required to follow a specific path to securing your first real job and each subsequent job, creating a plan elevates your chances of success. If you believe the best way to land a job is by simply searching online, then applying, you may find difficulty. We recommend you be more intentional and strategic with your career searching.

Below are items you should consider completing on your career planning checklist.

- ☐ Make a list of all your career interests.
- Create lists of your hard and soft skills.
- Crafting your resume, featuring your strengths, skills, experiences, and education.
- Write down each of your past and current jobs, volunteer activities, and membership organizations.
- Utilize appealing key action verbs to describe the tasks and achievements associated with your experiences.
- Career Readiness Tips Video

  Career Planning Checklist

  Pathways to —
  AVIATION

https://youtu.be/F5DFIjW1tWE

- Treate a LinkedIn account to showcase the information on your resume and elaborate on your education, interests, and experiences.
- □ Decide what you want...part-time job, internship, full-time job, etc.
- □ Conduct an assessment of your online presence, particularly messages shared through emails and social media.
- ☐ Know your why...your purpose, the reason you want an aviation career, and why this particular job.
- □ Verbalize your interests, skills, experiences, and goals through a brief (30-45 second) pitch.
- □ Network with industry executives, community leaders, and professionals by sharing your career interests, experiences, and goals.
- □ Prepare for all the questions you may encounter during a job interview.
- Practice verbalizing your skills, experiences, and interests before your job interviews.

Preparation is the foundation for success. You can begin your career planning journey months to years before actually applying for a job.

# **Career Planning Checklist Notes**

## **Job Searching**

Searching for any job is easy. All you have to do is go online, visit the mega job searching website, find appealing jobs, and apply. It's a simple process, but rarely yields the best results. We recommend you treat looking for jobs as if it's a job. Set aside time, be focused, and begin with the goal in mind.

Try these tips as you proceed with your job searching.

- Know the roles and specialties you want.
- Start looking for jobs well in advance of actually applying.
- ☐ Know where to find the jobs you want.
- ☐ Make it a practice to meet people, especially those in the roles you seek.
- ☐ Make notes on every step of the job searching process.
- Become career ready by utilizing our career readiness certification process.
- ☐ Research employers offering positions of interest to you.
- ☐ Know the positions you're seeking.
- □ Tailor your resume to the position and employer you're applying.
- □ Make a list of possible references.



https://youtu.be/zREiriEfy3c

# **Job Searching Notes**

## **Resume Writing**

Employers spend between 8 to 15 seconds reviewing each resume. If you want to create an outstanding resume, you need to capture the reader's attention as quickly as possible. One key tip is to put yourself in the shoes of the reviewer and ask, "what type of person and skills do we need for this position." The best way to answer this is to have a thorough understanding of the employer, its needs, and the responsibilities of the position.

As you're building your resume, consider the following tips.

- ☐ Place everything on one page
- ☐ Keep the format simple.
- Make sure the information is current and relevant.
- □ Don't list your soft skills.
- Organize your work experience in chronological order, starting with the most recent.
- ☐ Use descriptive action keywords when describing your experience.
- ☐ Include extra-curricular involvement, such as clubs, organizations, and volunteerism.
- Avoid unnecessary vague terms, such as hard worker, team player, enthusiastic, people person.
- ☐ List relevant hard skills, licenses, and certifications.
- Proofread multiple times.
- Regularly update with the latest information.
- □ Tailor each resume for each job you're applying.

This page features three videos which breakdown resume writing in distinct steps. To find the best success, watch in the presented order.

- 1. Tips to preparing yourself to write your resume.
- 2. The basic sections of the resume.
- 3. Making the resume as appealing as possible.



https://youtu.be/L2GtG0Ea0CU



https://youtu.be/dbScwq7kGIA



https://youtu.be/2o5j4vX8fAE

Resumes are tickets to landing job interviews. These tips will help showcase your knowledge, skills, and experiences in an appealing way.

# **Resume Writing Notes**

## **LinkedIn Profile**

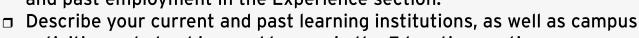
You can expect employers to search social media to learn more about you. They'll learn about your character if you have a Facebook, Twitter, or Instagram profile. And, they'll glean a strong understanding of your professional and career skills through your LinkedIn profile.

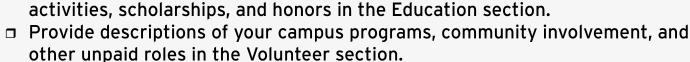
LinkedIn is an online resource for job seekers and professionals to meet one another, engage in conversations, and develop relationships. If you have a LinkedIn profile, you want it to be as informative as your resume, if not much more.

Consider the following tips to make the primary sections of your LinkedIn profile

impressive to recruiters and industry leaders.

- Upload a professional headshot as your primary photo.
- Add an banner image which best relates to your desired industry, role, and/or your best skills.
- ☐ Create a relevant description as your Headline.
- □ Describe your interests, background, skills, and goals in the About section.
- Feature strong descriptions of current and past employment in the Experience section.





- □ Identify your industry knowledge, interpersonal, and other skills and characteristics in the Skills section.
- □ List awards, languages, and certifications in the Accomplishments section.

Watch the video for tips on making best use of your LinkedIn experience.



https://voutu.be/kISMt08V3MI

# **LinkedIn Notes**

## **Personal Branding**

The label of this section could also "Preparing for Networking," because the tips will help you make the most of every networking conversation. However, before you start networking, you need to be prepared.

Personal branding is a very broad topic, but we've selected three areas for you to focus, as you're gear up for you job search. You're encouraged to watch the videos which accompany these three areas.

- 1. Your Why Sure, it's a buzzword, but for good reason. Without knowing your Why, you may find great difficulty answering questions relating to your career interests.
- 2. Elevator Pitch If you haven't already, you'll be asked "What do you do?" or "What do you want to do?" on a regular basis. Responding with a compelling 30-45 second answer will establish your determination, articulate your career goals, and impress those with whom you're speaking.
- 3. First Impressions It's believed that 20% of every conversation is what is actually said, with the balance being body language and presence. Understanding the impressions you're making on others, while recognizing the impressions shared by others, will take your conversations and relationship-building to high levels.



https://youtu.be/\_A2SdXqfSKc



https://youtu.be/yhYwT5qLux4



https://youtu.be/7WQE\_b5XAuo

Understanding personal branding will help you be intention with taking your career planning to meaningful and productive levels.

# **Personal Branding Notes**

## **Networking**

A large number of jobs are never posted onto job searching websites. In fact, we believe the best way to find the best jobs is by meeting people. Networking opens many doors of opportunity. It's an activity you'll be using throughout your career.

In its most simplest form, networking is nothing more than getting to know people. Whether you realize it or not, you're already networking every day and everywhere you go. You are networking on a constant basis. Every time you meet someone and

have a conversation at school, work, grocery store, coffee house, the airport, wherever, you are networking.

Every time you establish a new relationship, you are networking. In fact, a great by-product of networking is building lifelong relationships. It's these connections that will open new doors for both you and your career, but the careers of each person you meet.



https://voutu.be/TnON5VgqESq

The best way to land great jobs is by knowing people and, more importantly, having people know you. While we can provided pages upon pages of information about networking, it's important for you to know about two critical aspects about networking. Both feature videos which share tips you'll want to follow.

- 1. Know where to network Networking is an invaluable asset, but won't deliver the results you want unless it's strategic. Select the ideal events and organizations to help you reach your career networking goals.
- 2. Know how to network Networking can be an intimidating experience for many people and can backfire if you don't approach it the right way. It all starts with the initial greeting, then continues with know what to say, when to say it, and how to answer questions.



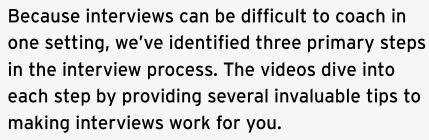
https://youtu.be/ycoRY\_r5tOg

# **Networking Notes**

## **Interviewing**

You received an invitation to interview for a job. That's amazing news! This was the goal, all along, but now you need to win the job.

The effort you put into writing your resume paid off. You were able to articulate your education, experiences, and skills in a written format. Now, you need to describe the same, as well as your interests, goals, plans, and more, through the words you say.



- Preparing for the interview The best way to sabotage your interview is by not being appropriately prepared. The more you're prepared, the more successful you'll be.
- 2. **The actual job interview** From the moment you arrive at the job interview to the moment you leave, you need to display the best version of yourself.
- 3. **Following up the interview** Perhaps the most critical step, how you follow up the job interview may be as vital to your hiring chances as the actual job interview.



https://voutu.be/9B11UEz1uvc



https://youtu.be/iyLf3qvHsbl



https://youtu.be/4MmvZ5x\_VDQ

Interviewing can be very intimidating, regardless of your age, connections, or experience. These tips will help prepare you for every step and question.

# **Interviewing Notes**

## **Bonus Videos**

The Pathways to Aviation team of board members, mentors, and industry partners take great pride in helping students and job seekers pursue their aviation career goals with success. The information, tips, and videos shared in this workbook will position you for greatness, both in your job searching, but also in your career.

We've been busy hosting workshops, one-on-one coaching sessions, and producing videos. In fact, our <u>YouTube channel</u> features over 100 videos. You're encouraged to visit and subscribe access the videos.

This page features two bonus videos for your career planning benefit.

- 1. Landing a Job Interview without Applying We strongly believe the best way to get the job you want, then succeed in that position, is by knowing people. Connecting, researching, and networking form the foundation for your success. This video shares how you can make that happen through simple tips.
- 2. Maximizing Career Fairs There are job fairs taking place at high schools, colleges, employers and in communities for the purpose of connecting job seekers with employers in one setting. Career fairs present a great opportunity for you to brand yourself to potential employers, share your career interests and goals, and describe your skills. We share several tips to helping you feel comfortable with going and, far more importantly, making the fairs work to your advantage.



https://youtu.be/mgdqR7DBn\_4



https://youtu.be/Mr3RuTzTKa4

This is your life, your career. Be intentional, focused, and prepared for every opportunity that's presented to you or which you create.

# Career Goals & Next Steps

## **Pathways to Aviation Job Board**

Pathways to Aviation partners with JSfirm.com, aviation's most recommended job website. Visit www.JSfirm.com to find great jobs, create a job search profile, and connect with employers. If you're interested in specific career paths, click on the following to see what's currently available.











































## **Industry Partner Spotlights**

## **Choose Aerospace**

Choose Aerospace, Inc. is a partnership of aerospace stakeholders, joined together to address one of the biggest threats to continued industry growth: the availability of a diverse, qualified technical workforce. The purpose of the campaign is to unite companies, associations, labor unions and educational institutions, to spur interest in aerospace careers, and identify and implement solutions to the aerospace workforce shortage.



## **Scholarship Opportunities:**

www.chooseaerospace.org/scholarship.html

Aviation Maintenance Curriculum <a href="https://www.chooseaerospace.org/curriculum.html">www.chooseaerospace.org/curriculum.html</a>

## **AviNation Magazine**

AviNation exists to attract, educate and empower youth in aviation. AviNation magazine strives to give readers insight into the future of aviation by focusing on aviation students, programs, events and innovative approaches to the promotion and continued growth of the aviation industry.

AviNation is proud to be the official youth aviation publication.

www.avinationusa.com/





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