ABOUT NAA

National Aviation Academy (NAA) has been training aviation maintenance professionals since 1932.

NAA is an FAA-approved Title 14 CFR Part 147 Aviation Maintenance Technician School, offering courses in Aviation Maintenance Technology and Advanced Aircraft Systems.

Specialized curriculum focuses on industry standards, hands-on training and continually diversifying technologies in aviation.

Hands-on training takes place on campus and at a live airfield so that students can gain practical industry experience.

Instructors have years of experience across all maintenance levels, including commercial, military, aerospace and unmanned.

Preparation and testing for Airframe and Powerplant (A&P) certifications are provided onsite.

Career services assistance is provided to all graduates, offering access to some of the most highly-regarded employers in the industry.
Many opportunities await those transitioning from military service. Whatever your separation plan, we understand that you will want to put the same dedication, passion and drive with which you served into the next phase of your life.

Obtaining your Airframe & Powerplant certifications will allow you to put your skills and experience to use in a rewarding career in aviation. Whether you are new to aviation or have extensive experience, there is a requisite number of hours necessary to obtain licensure and work in the field. We provide the curriculum, hands-on training, structure and support needed for you to harness the skills you have and apply them to the job that you want. Eligible candidates can use their GI-Bill® or Post-911 benefits towards tuition and other costs. Our specialized departments will assist you in making the most informed separation choices for you and your family.

STUDENT FINANCE

NAA offers financial assistance to students on the basis of financial need, with the goal of making an NAA education affordable for students from all walks of life. Financial aid may cover education expenses including tuition and fees, as well as books and supplies. Many types of aid are available including grants, scholarships and loans. Additionally, eligible veterans may use their GI-Bill® or Post-911 benefits.

Representatives work with each student on a case-by-case basis to answer questions before, during and after attending NAA. Whether you are attending school for the first time, going back to school, or are a veteran transitioning from the military, our staff is available to help meet your needs.

MILITARY BENEFITS

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CAREER SERVICES

The career services department helps current students, recent graduates and alumni find gainful employment in the aviation industry. All graduates are eligible for lifetime* career placement assistance to help with current and future opportunities.

Career services focuses on:

• Resume development
• Email and faxing of resumes
• Tips and techniques for interviewing

Three career fairs are held each year at both campuses. Companies that attend NAA career fairs include commercial airlines, fixed-base operators and manufacturers, as well as employers from parallel industries. The career services department dedicates much of its time to building and maintaining relationships with industry leaders, many of whom recruit from NAA directly because of the high quality of graduates.

*Lifetime is defined as long as NAA is in operation

STUDENT SERVICES

The student services department provides resources that support and enhance the educational experience while attending NAA. NAA’s student services manager can assist with finding housing, transportation, employment assistance and healthcare, as well as provide recommendations for things to do in the surrounding areas.

Situations can change and problems may arise while you are in school. Sometimes it is easier to face those situations with the help of the student services department. All students are encouraged to use this support system as a resource. Student services has an open door policy, but private sessions can be scheduled in advance.
NAA’s specialized training produces a high level of employability within the aviation industry. Fully-trained and qualified A&P mechanics are afforded opportunities in various sectors of aviation.

SECTORS OF AVIATION

GENERAL AVIATION
The majority of the world’s air traffic is categorized as general aviation. It includes all forms of civil aviation, from gliders to powered parachutes to business jet flights.

COMMERCIAL AVIATION
Commercial aviation is a portion of civil aviation that includes scheduled air transport, for example, the airlines that most people take to go places. These aircraft are hired to transport either passengers or cargo.

CORPORATE AVIATION
Corporate aviation is the use of aircraft for the transport of passengers or goods for business purposes.

MANUFACTURING & MRO
Maintenance, Repair & Overhaul (MRO) is the blanket term used in the industry for all services related to assuring aircraft safety and airworthiness. The production of new, innovative aircraft and/or the MRO of existing aircraft play an essential role in sustaining the world’s air fleet.

MILITARY AVIATION
Military aviation includes the use of aircraft or other flying machines for the purpose of conducting or enabling military functions. Civilians can work on military aircraft at bases/repair stations.

UNMANNED AIRCRAFT
More commonly known as drones, these aircraft do not have a human pilot on board and operate with varying degrees of autonomy. They have growing applications in the industry and beyond.

PARALLEL INDUSTRIES
Non-aviation fields also require the services of A&P mechanics. Roller coasters, mass transit systems, Formula One race cars and wind turbines/renewable fuel sources, to name a few, require skilled mechanics.

These are only a few of the many sectors of aviation. The industry is continually growing as we rely increasingly on technology in our daily lives. All sectors are in need highly-skilled, well-trained technicians. NAA is committed to producing top A&P mechanics to satisfy that demand.
# AVIATION MAINTENANCE CLASS SCHEDULE

## GENERAL
- Aircraft Fundamentals
- DC Electricity
- Ground Operations & Service
- Mathematics
- AC Electricity
- Fluid Lines & Fittings
- Physics
- Weight & Balance
- General Review
- Materials & Processes
- Forms & Regulations
- General Final Exam
- Aircraft Drawings
- Cleaning & Corrosion Control

## POWERPLANT
- Reciprocating Engines
- Engine Instruments
- Engine Inspections
- Powerplant Systems: Reciprocating
- Turbine Engines
- Powerplant Review
- Troubleshoot Reciprocating Engines
- Powerplant Systems: Turbine
- Fire Protection Systems: Engine
- Ignition and Starting
- Propellers
- Engine Electrical Systems
- Airframe Fuel Systems
- Airframe Review
- Fire Protection Systems: Airframe
- Aircraft Electrical Systems
- Ice & Rain Protection Systems
- Assembly & Rigging
- Sheet Metal Structures
- Hydraulic & Pneumatic Systems
- Airframe Inspections
- Non-metallic Structures
- Aircraft Landing Gear Systems
- Airframe Final Exam
- Wood Structures
- Position & Warning Systems Cabin
- Aircraft Coverings

## AIRFRAME
- Aircraft Finishes
- Fire Protection Systems: Airframe
- Welding
- Cabin Atmospheric Control Systems
- Airframe Fuel Systems
- Assembly & Rigging
- Ice & Rain Protection Systems
- Airframe Inspections
- In-Flight Systems
- Airframe Inspections
- Communication Systems
- Airframe Review
- Navigation Systems
- Airframe Final Exam
- Weather Systems

## ADVANCED AIRCRAFT SYSTEMS

### AAS TERM 1
- Basic DC Circuits
- Aircraft Finishes
- AC Circuits
- Welding
- Solid State Devices
- Airframe Fuel Systems
- Analog Circuits
- Ice & Rain Protection Systems
- Radio Frequency Circuits
- Hydraulic & Pneumatic Systems
- Digital Circuits
- Aircraft Landing Gear Systems
- Fundamental Microprocessors
- Position & Warning Systems Cabin
- Advanced Aircraft Systems 1 Final

### AAS TERM 2
- Human Factors & Ergonomics
- Advanced Aircraft Systems 2 Final
- Installation of Human Factors
- Air Traffic Control Systems
- Power Distribution
- Digital Information Tracking System
- Instruments
- Flight Deck Displays
- Audio Systems
- Aircraft Flight Safety Systems
- Communication Systems
- Automated Flight Systems
- Navigation Systems
- AAS Integration Programs
- Weather Systems
- Installing AAS
- Advanced Aircraft Systems 3 Final

### AAS TERM 3
- Advanced Aircraft Systems 3 Final
A&P CERTIFICATIONS FROM NAA

NAA’s courses in Aviation Maintenance Technology (AMT) and Advanced Aircraft Systems (AAS) provide the experience, education and examination required to become a certified Airframe and Powerplant (A&P) technician in as little as 14 months. The Airframe rating allows a technician to maintain the structures of an aircraft, while the Powerplant rating includes the engine and all other associated equipment.

Getting your A&P certifications from NAA is a mark of impeccable training, professionalism and job-worthiness. It is why industry leaders seek out our graduates.

DEGREE OPPORTUNITIES

NAA has established articulation agreements with local colleges for students who want to pursue educational advancement opportunities. Adding an advanced degree provides the education and skills necessary to enhance opportunities for supervisor and management positions within the field. NAA has articulation agreements with Polk State College and Middlesex Community College for those interested in pursuing an Associate or Bachelor’s degree.
CAREER AND INCOME OUTLOOK

NAA uses industry standards to meet the needs of the aviation maintenance field. A trusted source for industry forecasts is Boeing’s 2016 Pilot & Technician Outlook, which projects a need for nearly one and a half million new commercial airline pilots and maintenance technicians by 2035, including 679,000 maintenance technicians. Careers in aviation are growing alongside the world’s commercial air fleet.

Aviation maintenance offers competitive expected earnings. According to the U.S. Bureau of Labor Statistics, the median annual wage of aircraft mechanics was $58,370 in May 2015. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less. The lowest 10 percent earned less than $34,770 and the top 10 percent earned more than $89,050.

ALUMNI TESTIMONIAL

I like rounding out my skills, rather than being a one-trick pony. My favorite thing about being an A&P mechanic is the opportunities and choices you discover with the license. You can travel anywhere, do a lot of things and you never know where it is going to lead you.

JOSEPH PLUMMER 2015 AMP Graduate
## COMPANIES WHO HAVE HIRED OUR GRADS

### AEROSPACE
- BAE Aerospace
- SpaceX

### BLIMPS
- Goodyear Rubber & Tire
  - Airship Division

### COMMERCIAL
- American Airlines
- Cape Air
- Delta Air Lines
- Endeavor Air
- HAECO
- JetBlue
- PEMCO
- SkyWest Airlines
- Southwest Airlines
- United Airlines

### GENERAL
- C&L Aviation
- FlexJet
- HondaJet
- PlaneSense / Atlas Aircraft Center
- Rectrix
- Textron

### HELICOPTERS
- Bell Helicopters
- Columbia Helicopters
- Firehawk
- Sikorsky

### MANUFACTURING
- The Boeing Company
- Bombardier
- Embraer
- General Electric Aviation
- Gulfstream Aerospace
- Pratt & Whitney

### MILITARY
- The Boeing Company
- Draken International
- General Atomics
- Lockheed Martin
- NAVAIR
- PAE

### PARALLEL INDUSTRIES
- Busch Gardens
- Duke Energy
- Granite International
- Universal Studios