

# Our History



**FOCUSED CAREER TRAINING    Get skills you need to get ahead    Graduate in just 7 to 24 months**

**Associate of Applied Science Degree  
in Aviation Maintenance Technology**

**Associate of Applied Science Degree  
in Energy Technology**

**Energy & Industrial Technician**

**Airframe & Powerplant Technician**

**Wind Power Technician**

**HVACR Technician**

**Global Logistics and Dispatch**

**Aircraft Dispatch**

**800.447.1310    www.miat.edu**



In 1969, MIAT began training people for great careers in aviation maintenance. As we have expanded our technical training programs, our mission continues...to meet the needs of employers by training individuals for the skills and professionalism required by their industry...with an emphasis on HANDS-ON EQUIPMENT EXPERIENCE.

Accredited By **ACCSC** Accrediting Commission of Career Schools and Colleges

For information about our graduation rates, the median debt of students who completed the program, and other important information, please see our website: [www.miat.edu/disclosures](http://www.miat.edu/disclosures).

Program lengths are 7 to 24 months with no interruption in training.



## **MICHIGAN / Main Campus / MIAT College of Technology**

Licensed by the State of Michigan Department of Licensing and Regulatory Affairs / Approved for federal military and veterans educational benefits  
Michigan Works! Association member / Approved by the Ohio State Board of Career Colleges & Schools #90-03-1286T / Accredited in Indiana by the BPE / AC 0275

## **TEXAS / MIAT Institute of Technology**

Approved and regulated by the Texas Workforce Commission, Career Schools and Colleges, Austin TX / Approved for federal military and veterans educational benefits.  
This institution is regulated by: Indiana State Workforce Innovation Council Office of Career and Technical Schools 10 N. Senate Ave, Suite SE 203 Indianapolis, IN 46204 (317) 234-8338 or (317) 234-8339

# AVIATION

- ▶ Associate of Applied Science Degree in Aviation Maintenance Technology
- ▶ Airframe and Powerplant Technician Certificate

Graduates working in this industry have a passion for aviation or technology. These are the people who will always look up in the sky when they hear an airplane engine or enjoy the challenge of taking things apart and putting them back together.



*"MIAT was the first step to the rest of what has proven to be a successful career."*

**Brian P.,**  
Graduate  
Airframe &  
Powerplant  
Certificate

Brian currently works as a Project Engineer with Liebherr Aerospace. He has continued his education beyond MIAT and recently completed a Master's Degree in Engineering Management.

*"MIAT is a preferred school for our recruiting efforts. When we hire an MIAT Graduate, we know that we are hiring someone who has received relevant and extensive training. We appreciate their professionalism and skill set!"*

- J. C.  
Maintenance Supervisor  
ExpressJet Airlines

# Skills to work on aircraft

jets, planes, uav's, helicopters, and related technologies



## Certificates included:

- ▶ FlightSafety® International Principles of Troubleshooting
  - ▶ Rockwell Collins Maintenance Diagnostic Computer (MDC) Familiarization
  - ▶ EEO Respect and Anti-Harrassment
  - ▶ Federal Aviation Administration (FAA) Airframe and Powerplant (examinations administered by FAA)
  - ▶ NCATT Aircraft Electronics Technician (examinations administered by PSI/LaserGrade)
- This program currently offered in Michigan only*



Tour the campus to see hands-on aircraft, jet engines and more

**800.447.1310** [www.miat.edu](http://www.miat.edu)

# ENERGY

▶ Associate of Applied Science Degree in Energy Technology

▶ Energy & Industrial Technician Certificate

Energy Technicians build, repair, test, and maintain power plant turbines, related energy industry equipment and other industrial machinery. The workplace can be in a variety of sectors such as traditional or renewable generation plants, oil and gas operations, hospitals, waste water treatment facilities, and equipment manufacturers.



*"I absolutely love my job - learn something new every day...and the money helps, too!"*

Toby L. - Graduate  
Energy Technician Certificate  
Field Service Turbine Mechanical Specialist  
**Mitsubishi Power**

*"The skills that the students are getting at MIAT are very beneficial to us. It gives us an opportunity to bring them in at a higher level."*

- R.H.  
Director of Staffing  
**Day & Zimmerman**

# Skills to work in energy technology

power plant, traditional/alternative, wind power, and related technologies

**Advanced Electrical Training**   **Safety/Climb & Rescue**   **Turbine Engines**  
**Troubleshooting**   **Wind Turbine Operations**   **Gear Systems and Operation**   **Fuel Systems**  
**Diesel Technology**   **Precision Measuring Devices**   **Inspection and Documentation**  
**Metal Composition and Alloying Processes**   **Lifting and Rigging**   **Boiler Operations**  
**Hydraulics and Pneumatics**   **Print Reading/Drafting**   **Fluid Line/Lubrication Systems**  
**Power Plant Instrumentation**   **Water Treatment Fundamentals**   **Ignition/Starting Systems**



## Certificates included:

### Energy & Industrial Technician Program

- ▶ HYTORC® Hydraulic Tightening and Tensioning
- ▶ SLINGMAX® Lifting and Rigging
- ▶ 5 Ton Overhead Crane
- ▶ OSHA 10 Hour
- ▶ First Aid/CPR
- ▶ EEO Respect and Anti-Harassment

### **Electrical Training:**

**120 Hours** DC/AC  
**90 Hours** Advanced

### AAS Degree in Energy Technology

All Energy & Industrial Technician Program Certificates and electrical training, plus:

- ▶ Competent Climber
- ▶ Additional training by employer request:
- ▶ Syntech Wind Turbine Tower Climber/Industrial Rescue Competent to use Tractel® Derope Up-A (16 Hours)

### **Electrical Training:**

**60 Hours** PLC (Programmable Logic Controller) and SCADA (Supervisory Control and Data Acquisition)



Tour the campus to see hands-on lab, large scale turbines, generators, and more

**800.447.1310**   **www.miat.edu**

# RENEWABLE

## ► Wind Power Technician Certificate

Wind Power Technicians install, maintain, repair, and test wind turbines, and related equipment. Although some windtechs are involved in building new wind turbines, most of their work is maintaining them, particularly the nacelles, which contain the equipment that generates electricity. Windtechs use safety harnesses and a variety of hand and power tools to do their work. They also use computers to diagnose electrical malfunctions.



*"My assignments have included: GE Wind, Gamesa, Suzlon, Vestas and Exelon, traveling to Texas, Pennsylvania, Illinois, Oklahoma, and Michigan.*

**- Tim C.  
MIAT Graduate  
Wind Technician**

*"All other work experience being equal, MIAT Graduates are much more rounded, organized and better prepared than other applicants. It has been a pleasure working with MIAT to find candidates with the right knowledge, skills, ability, work ethic and positive attitude to help us grow our organization."*

**- P.F.  
Human Resources and Safety Manager  
Ventower Industries, LLC**

# Skills to work in wind power

Wind turbines, and related technologies



## Certificates included:

- HYTORC® Hydraulic Tightening and Tensioning
- SLINGMAX® Lifting and Rigging
- 5 Ton Overhead Crane
- Competent Climber
- First Aid/CPR
- OSHA 10 Hour
- EEO Respect and Anti-Harassment

Additional training by employer request:

- Syntech Wind Turbine Tower Climber/Industrial Rescue Competent to use Tractel® Derope Up-A (16 Hours)

### Electrical Training:

**120 Hours** DC/AC

**60 Hours** PLC (Programmable Logic Controller) and SCADA (Supervisory Control and Data Acquisition)



Tour the campus to see hands-on lab, GE 1.5 MW wind turbine nacelle, and more **800.447.1310** [www.miat.edu](http://www.miat.edu)

# HVACR

- ▶ HVACR Technician Certificate (HVACR is Heating, Ventilation, Air-Conditioning and Refrigeration)

HVACR technicians work on systems that control the temperature and air quality in many types of structures and equipment. The increasing number of complex control systems for this equipment contributes to higher demand for qualified HVACR technicians.

As new energy efficient models reach the market, and pollution regulations, including prohibition of older refrigerants, are phased in, more systems will be retrofitted, upgraded, or replaced entirely.



*According to the U.S. Department of Labor 2013 / 2014 Occupational Outlook Handbook, employment in this sector is expected to grow 21 percent from 2012 to 2022, much faster than the average for all occupations.*

# Skills to work in HVACR

commercial, residential, environmental, laboratory, arenas, transportation



## Certificates included:

- ▶ EPA Universal Refrigerant Handling Certification including Core, Type I, Type II, Type III of Federal Clean Air Act Section 608 (EPA examinations administered by ESCO certified proctor on campus)
- ▶ EEO Respect and Anti-Harassment
- ▶ NATE® - North American Technician Excellence Certification Core (examinations administered off-campus)



Tour the campus to see hands-on equipment supplied by top HVACR brands **800.447.1310** [www.miat.edu](http://www.miat.edu)

# LOGISTICS

- ▶ Global Logistics and Dispatch Certificate
- ▶ Aircraft Dispatch Certificate

Logistics personnel expedite and route movement of incoming and outgoing cargo and freight shipments in airline, train, and trucking terminals, as well as shipping docks.

Dispatchers schedule and dispatch workers, work crews, equipment, or service vehicles for conveyance of materials, freight, passengers, services, or critical situations.



*Jamie K. was hired by Load 1 after graduating from the MIAT Global Logistics and Dispatch Program. She began as a Dispatcher and has since moved into a supervisory role.*

*"We hire graduates of MIAT due to the extensive training they receive in transportation operations. We work with a unique computer system that MIAT covers in their curriculum, which gives their students a leg up on other candidates we interview."*

- M. J.  
Vice President of Operations  
Load 1 Transportation and Logistics

# Skills to move the world

global aviation, trucking, shipping, logistics, inventory, public transit



**CSA 2010 Communications Skills Resource Management FAA Regulations  
Route Assessment Radio Communications Handling/Transporting HAZMAT  
FMCSA Regulations FRA Regulations Air Traffic Procedures Meteorology  
Sylectus® Software Jeppesen JetPlan.com® and JeppView® Flight Planning/Charting**

## Certificates included:

- ▶ Hazardous Materials
- ▶ OSHA 10 Hour
- ▶ First Aid/CPR/AED
- ▶ EEO Respect and Anti-Harassment
- ▶ Manufacturing Skill Standards Council (MSSC) Certified Logistics Associate (CLA) and Certified Logistics Technician (CLT) - examinations administered by MSSC
- ▶ Federal Aviation Administration (FAA) Aircraft Dispatcher - examinations administered by FAA (Aircraft Dispatch Program Only)



Tour the campus and experience the Dispatch Simulator Room **800.447.1310** [www.miat.edu](http://www.miat.edu)

# Experience beyond a classroom

Spend valuable time training on actual equipment used in the industry.



See video of industry employers discussing why they support MIAT equipment and curriculum at [www.miat.edu/media-center](http://www.miat.edu/media-center)

# Student Finance

Financial aid is available for those who qualify.

Students and their parents must apply through MIAT's Financial Aid Department to determine their eligibility for financial aid. Application does not guarantee aid, nor does it bind applicants to accept any potential awards.

If you have questions regarding the financial aid process, please contact the campus financial aid office to speak to a representative at 800.447.1310.

# Military Friendly



Approved for federal military and veterans educational benefits.

- ▶ Chapter 30 GI Bill Active Duty (MGIB)
- ▶ 1606 Montgomery Selected Reserve (MGIB-SR)
- ▶ Chapter 31 Vocational Rehabilitation for Veterans with service connected disabilities
- ▶ Chapter 33 Post 9/11 GI Bill
- ▶ Chapter 1607 Reserve Educational Assistance Program (REAP)
- ▶ Chapter 35 Dependents' Educational Assistance (DEA)
- ▶ Veterans' Retraining Assistance Program (VRAP)
- ▶ Department of Defense Tuition Assistance Program (TA)
- ▶ MyCAA Military Spouse Career Advancement Account
- ▶ Imagine America MAP Scholarship



MIAT has been included on G.I. Jobs Magazine's List of Military Friendly Schools five straight years: 2010 to 2014. View our profile at: [militaryfriendlyschools.com](http://militaryfriendlyschools.com)



**Stacy D.**, Airframe and Powerplant Technician Graduate, builds his civilian career in the commercial airline industry.



"Transitioning from service to the civilian world, I was able to learn everything I needed to get a good job in one quarter of the time of a traditional college."  
**Ryan M.**, Energy Technician Graduate.

# Career Services

As soon as you start classes, we are ready to help you prepare for your career search.

Visit our offices once you get settled in on campus and schedule a meeting with your assigned advisor.

Services Include help with your resume and related documents, career fair information, interviewing tips and much more.

Check the bulletin boards often for student jobs as well as career postings, campus employer visits and other important announcements.



*Employers visit campus throughout the year to present information and conduct interviews.*

# Student Services

If you need help, and it's not a Financial Aid or Career Services question, see someone in Student Services.

ASK! We will do our best to get you the answers you need, as quickly as possible.

We can help with:

- ▶ Carpool information
- ▶ Housing information
- ▶ Scheduling problems
- ▶ Tutoring needs
- ▶ Passports/travel documents
- ▶ Student Jobs
- ...and more

Employers That Recently Hired MIAT Graduates:

SIEMENS

LIEBHERR

EXPRESSJET

DRESSER-RAND

Williams International

ENDEAVOR AIR

Day & Zimmermann

MITSUBISHI POWER SYSTEMS

DUNCAN AVIATION

Overseas or on base? Meet with us online **800.447.1310** [www.miat.edu](http://www.miat.edu)

Call to learn why employers hire MIAT Graduates **800.447.1310** [www.miat.edu](http://www.miat.edu)



# CAMPUS LIFE

Be a part of it!



800.447.1310 [www.miat.edu](http://www.miat.edu)