



# Career and Technical Education Program Application

This is the initial application to MIAT College of Technology for high school students who wish to take courses at MIAT before high school graduation. Send the completed application and a copy of your transcripts to the attention of CTE Program.

**Mail or Fax to:**

MIAT College of Technology  
ATTN: CTE Program  
2955 S. Haggerty Road  
Canton, MI 48188

**FAX: 734.858.5000**

**Scan and E-Mail to:**

MIAT College of Technology  
RE: CTE Program  
**tlittle@miat.edu**

**SECTION A: To be Completed by the Student**

Name

\_\_\_\_\_ First \_\_\_\_\_ Middle \_\_\_\_\_ Last

Address

\_\_\_\_\_ Number \_\_\_\_\_ Street \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip

Date of Birth

\_\_\_\_\_ E-Mail \_\_\_\_\_ Telephone  Cell  Home \_\_\_\_\_ (dd/mm/yyyy)

High School

\_\_\_\_\_ Name \_\_\_\_\_ City \_\_\_\_\_ County

**SECTION B: Program Choice**

**Aviation – 2 Year\***  
*(1<sup>st</sup> Year Seniors finish in May)*  
September – July <sup>(1st Year)</sup>  
September – June <sup>(2nd Year)</sup>  
3 Hours/Day (6 Hours/Day in July)

**Energy – 2 Year\***  
September – June <sup>(1st Year)</sup>  
September – June <sup>(2nd Year)</sup>  
3 Hours/Day

**HVAC – 1 Year**  
September – May  
3 Hours/Day

*\*All upcoming seniors are able to take the 1<sup>st</sup> year of the “2 Year” courses.*

I understand grades and attendance are a factor in acceptance to the MIAT CTE program. I authorize my high school’s official listed below to release my official transcript and attendance record to MIAT for the purpose of review and consideration of acceptance into the program.

Signatures

\_\_\_\_\_ Signature of Applicant \_\_\_\_\_ Date

\_\_\_\_\_ Signature of Parent or Guardian \_\_\_\_\_ Date

**SECTION C: To be Completed by High School Principal/Counselor**

I certify that the above named student is currently enrolled in \_\_\_\_\_ High School and is in the \_\_\_\_\_ grade. By signing below, I authorize this student for MIAT’s CTE the upcoming school year. The student has demonstrated the capacity and maturity to benefit from participation with MIAT. It is understood that this application is only valid for one school year. A new application must be submitted for each year the student chooses to participate.

Signature

\_\_\_\_\_ Signature of Principal/Counselor \_\_\_\_\_ Date

\_\_\_\_\_ Print Name



# Career and Technical Education Program Descriptions

*The courses below are available to High School Juniors and Seniors of participating High School Districts.*

## **Aviation Maintenance (FAA Powerplant Technology)**

Aviation Maintenance (CTE) is a two year high school course that is available to Juniors and Seniors. The students accepted will be taking courses at MIAT College of Technology towards being a Federal Aviation Administration (FAA) Certificated Airframe and Powerplant Mechanic. This federal certificate is required to work on aircraft registered in the United States. During the two years, as a high school student, they will be taught all curriculum required to take the Powerplant Certification Tests. Once completed, the student can choose to continue on at MIAT to complete the Airframe Certificate (approx. 8 months) or Airframe Certificate with an Associates of Applied Science, which will add on an additional 4 months.

## **Energy Technician (Electrical Power Transmission Installation)**

Energy Technician (CTE) is a two year high school course that is available to Juniors and Seniors. The students accepted will be taking courses at MIAT College of Technology towards being a Wind Technician, Electrical/Electrician Repairer, and/or Powerplant Operator. Electrical safety, OSHA, Crane Rigging, Gas Turbine Maintenance, NEC Navigation, are a few of the courses the student will be taking throughout the Energy CTE Class. Once completed, the student can choose to continue on at MIAT to complete a few different certificates or degree.

-Wind Technician Certificate: approx. 2 months.

-Energy and Industry Certificate: approx. 2 months

-Energy Technology Associates of Applied Science (includes Energy and Industry/Wind):  
approx. 8 months

## **HVAC Technician**

HVAC Technician (CTE) is a one year high school course that is available to Juniors and Seniors. The students accepted will be taking courses at MIAT College of Technology towards being a Heating Ventilation, Air Conditioning, and Refrigeration Technician. After completing the one year course in the high school program, the student will be eligible to take the NATE Core Exam which is sought after by industry for entry level apprentice. Once completed, the student can choose to continue on at MIAT to complete their HVAC and EPA certificates in approx. 6 months.