



DEPARTMENT OF  
HIGHER EDUCATION &  
WORKFORCE DEVELOPMENT

**New Program Report**

**Date Submitted:**

10/29/2021

**Institution**

Ozarks Technical Community College

**Site Information**

**Implementation Date:**

8/21/2023 12:00:00 AM

**Added Site(s):**

Springfield-Branson National Airport, 500 W Kearney St., Springfield, MO 65803

**Selected Site(s):**

Ozarks Technical Community College, 1001 E. Chestnut Expressway, Springfield, MO, 65802

**CIP Information**

**CIP Code:**

470607

**CIP Description:**

A program that prepares individuals to apply technical knowledge and skills to repair, service, and maintain all aircraft components other than engines, propellers, avionics, and instruments. Includes instruction in layout and fabrication of sheet metal, fabric, wood, and other materials into structural members, parts, and fittings, and replacement of damaged or worn parts such as control cables and hydraulic units.

**CIP Program Title:**

Airframe Mechanics and Aircraft Maintenance Technology/Technician

**Institution Program Title:**

Aviation General Technician Certificate of Specialization

**Degree Level/Type**

**Degree Level:**

Certificate = 1 Semester but < 1 Year

**Degree Type:**

Certificate 0

**Options Added:**

**Collaborative Program:**

N

**Mode of Delivery**

**Current Mode of Delivery**

Classroom

**Student Preparation**

**Special Admissions Procedure or Student Qualifications required:**

There will be no special admission procedures or student qualifications required.



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Specific Population Characteristics to be served:  
n/a

**Faculty Characteristics**

Special Requirements for Assignment of Teaching for this Degree/Certificate:  
Faculty who will be teaching these courses will need at least the minimum certification as an Airframe and/or Powerplant mechanic (either or both). Program faculty will also need industry experience in one of these areas to be considered for a teaching assignment.

Estimate Percentage of Credit Hours that will be assigned to full time faculty:  
It is estimated that 100% of credit hours will be assigned to full time faculty.

Expectations for professional activities, special student contact, teaching/learning innovation:  
Full time faculty are required to obtain at least 20 hours of professional development annually as per college guidance. In addition, the program faculty will be required to be current in their recent experience requirements under Federal Aviation Regulation (FAR) 65.83 and meet requirements for Aviation Maintenance Technician Schools as found in FAR part 147. Program faculty will also be required to utilize our current Learning Management System, which is Canvas.

**Student Enrollment Projections Year One-Five**

Year 1	Full Time: 5	Part Time: 0	
Year 2	Full Time: 5	Part Time: 0	
Year 3	Full Time: 8	Part Time: 0	Number of Graduates: 10
Year 4	Full Time: 9	Part Time: 0	
Year 1	Full Time: 5	Part Time: 0	
Year 2	Full Time: 5	Part Time: 0	
Year 3	Full Time: 8	Part Time: 0	Number of Graduates: 10
Year 4	Full Time: 9	Part Time: 0	
Year 5	Full Time: 10	Part Time: 0	Number of Graduates: 15

Percentage Statement:  
95.00

**Program Accreditation**

Institutional Plans for Accreditation:  
There are no plans to seek specialized accreditation; however, the program requires FAA approval and the college is a member of the Aviation Technician Education Council (ATEC).

**Program Structure**

Total Credits:  
15



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**Residency Requirements:**

7 credit hours

**General Education Total Credits:**

0

**Major Requirements Total Credits:**

15

**Course(s) Added**

COURSE NUMBER	CREDITS	COURSE TITLE
TEC 108	3	Applied Technical Mathematics
APT 101	4	AVI Maintenance Foundations
APT 103	2	Aviation Mathematics
APT 104	2	Fundamentals of Electricity
APT 102	4	Materials and Processes

**Free Elective Credits:**

0

**Internship or other Capstone Experience:**

N/A

### Assurances

I certify that the program is clearly within the institution's CBHE-approved mission. The proposed new program must be consistent with the institutional mission, as well as the principal planning priorities of the public institution, as set forth in the public institution's approved plan or plan update.

I certify that the program will be offered within the proposing institution's main campus or CBHE-approved off-site location.

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the program can be launched with minimal expense and falls within the institution's current operating budget.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

**Contact Information**

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