

**PET FORM**  
**Planning and Evaluation Tracking**  
**(2011-2012 Assessment Period)**

Division of: **CTE**

Person Responsible for this Division: **Dr. Shawn Fouts**

Department of: **Aviation and Aerospace Manufacturing**

Person Responsible for this Form: **Ed Nolte**

Purpose Statements (With Last Updated Date): **Train technicians to pass the FAA Airframe and Powerplant licensure exams and secure positions with commercial and private aviation companies (Last Reviewed fall 2011).**

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**Goal Statement #1:**

**Assess the Technical Skill Attainment for the Aviation Maintenance Technology program based on the Federal Aviation Administration standards. Data is based on the number of licenses awarded over the academic year.**

**Outcome/Objective Statement**

**(Be sure to include audience, behavior, conditions, degree/benchmark, and evaluation method):**

**Exceed an 80% pass rate on the Federal Aviation Administration Airframe and Powerplant exams.**

**(Outcome is based on the number of students tested divided by the number of students who pass the FAA exam.)**

- Results (Provide Numbers and Percentages for Quantitative Data)

April 2009-March 2010 Data

Achieved the following results from tests indicated:

- General – 100% (1 tested, passed)
- Airframe – 100% (3 tested, all passed)
- Powerplant – 100% (4 tested, all passed)

(Data from April 2009 through March 2010 was used.)

April 2010-June 2011 Data

Achieved the following results from tests indicated:

- General – 100% (1 tested, passed)
- Airframe – (none tested)
- Powerplant – 100% (2 tested, all passed)

(Data from April 2010 through June 2011 was used.)

- Analysis

- Provide Previous Data/Result Analysis

(Include if benchmark was met and how results relate to outcome statement):

- Improvements

- List any Improvements Made in the **2010-2011** (Last Academic) Year Based on the **2009-2010** PET Results:  
**Students were enrolled in developmental classes until they reach college level in all areas.**

- Evaluate Why Improvements Were Successful/Were Not Successful:  
Too early and not enough data to make this assessment.
  - Provide the Budget Information Needed to Make Past Improvements (Cost/Details):  
N/A
  - Recommendations/Actions for 2011-2012
    - Person Responsible (Who will complete the action?):  
Ed Nolte
    - Action Plan:  
Encourage all students to sit for all FAA exams.
    - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):  
Summer 2012
    - Budget Information Needed for Future Action (Cost/Details):  
N/A
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### Goal Statement #2:

Assess the **Retention or Transfer** of students enrolled in the Aviation Maintenance and Aerospace Manufacturing programs. Data is based on the number of students enrolled at the beginning of the academic program to completion (AC Strategic Plan through 2015: Strategy 1.2).

### Outcome/Objective Statement

**(Be sure to include audience, behavior, conditions, degree/benchmark, and evaluation method):**

Maintain an 85% completion rate for all students entering the Aviation Maintenance and Aerospace Manufacturing programs annually (AC Strategic Plan through 2015: Task 1.2.1).

(Outcome is based on the number of students enrolled at the beginning of the academic program (Fall census date) to completion.)

#### Results (Provide Numbers and Percentages for Quantitative Data)

College does not maintain a database with this information at the program level.

- Analysis
  - Provide Previous Data/Result Analysis  
(Include if benchmark was met and how results relate to outcome statement):  
No data is currently available.
  - Proper advising prepares students for the rigor of the Aviation Maintenance and Aerospace Manufacturing programs.
- Improvements
  - List any Improvements Made in the **2010-2011** (Last Academic) Year Based on the **2009-2010** PET Results:  
Students were enrolled in developmental classes until they reach college level in all areas.
  - Evaluate Why Improvements Were Successful/Were Not Successful:  
Too early and not enough data to make this assessment.  
Provide the Budget Information Needed to Make Past Improvements (Cost/Details):  
N/A
- Recommendations/Actions for 2011-2012
  - Person Responsible (Who will complete the action?):  
Ed Nolte

- Action Plan:  
Assess student entrance scores and advise accordingly.
  - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):  
Summer 2012
  - Budget Information Needed for Future Action (Cost/Details):  
N/A
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### Goal Statement #3:

Assess the **Nontraditional Participation and Completion** of the Aviation Maintenance and Aerospace Manufacturing Programs. Data is based on the number of students enrolled at the beginning of the academic program to completion (AC Strategic Plan through 2015: Strategy 1.1).

### Outcome/Objective Statement

**(Be sure to include audience, behavior, conditions, degree/benchmark, and evaluation method):**

Achieve a 10% participation and completion rate for all nontraditional students entering the Aerospace Manufacturing Program annually (AC Strategic Plan through 2015: Task 1.1.4.1).

(Outcome is based on the number of nontraditional students enrolled at the beginning of the academic program to completion.)

- Results (Provide Numbers and Percentages for Quantitative Data)  
Achieved a 6.82% nontraditional (female) participation rate and a 0.0% nontraditional (female) completion rate. Data is shared with Aviation Maintenance program. (2008-2009 Data)  
(6 out of 88 females entered the program. 0 out of 21 students completed the program.)
  - Analysis
    - Provide Previous Data/Result Analysis  
(Include if benchmark was met and how results relate to outcome statement):  
We are below our desired outcomes and the state average. Waiting for updated data (2009-2010 and 2010-2011).
  - Improvements
    - List any Improvements Made in the **2010-2011** (Last Academic) Year Based on the **2009-2010** PET Results:  
Lack of current data limits implementation of any improvement plan.
    - Evaluate Why Improvements Were Successful/Were Not Successful:  
N/A
    - Provide the Budget Information Needed to Make Past Improvements (Cost/Details):  
N/A
  - Recommendations/Actions for 2011-2012
    - Person Responsible (Who will complete the action?):  
Ed Nolte
    - Action Plan:  
Obtain updated data, analyze, and take corrective action as necessary.  
Target nontraditional students for all CTE programs at the college level.
    - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):  
Summer 2012
    - Budget Information Needed for Future Action (Cost/Details):  
N/A
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## Goal Statement #4:

Assess the **Placement of Students** completing the Aviation Maintenance and Aerospace Manufacturing Programs. Data is based on the number of students placed or retained in employment, or placed in military service or apprenticeship programs (AC Strategic Plan through 2015: Strategy 1.2).

## Outcome/Objective Statement

**(Be sure to include audience, behavior, conditions, degree/benchmark, and evaluation method):**

Maintain an overall placement rate of 85% for all graduates and licensed A&P Mechanics (AC Strategic Plan through 2015: Task 1.2.1).

- Results (Provide Numbers and Percentages for Quantitative Data)

Data indicates a 94.4% placement rate of our program completers.

(34 out of 36 graduates found employment- based on 2007-2008 graduate data.)

100% of the successful graduates are guaranteed an interview with Bell/Helicopter Textron.

- Analysis

- Provide Previous Data/Result Analysis

(Include if benchmark was met and how results relate to outcome statement):

There is no previous data to compare to.

- Improvements

- List any Improvements Made in the **2010-2011** (Last Academic) Year Based on the **2009-2010** PET Results:  
Students were enrolled in developmental classes until they reach college level in all areas.
- Evaluate Why Improvements Were Successful/Were Not Successful:  
Too early and not enough data to make this assessment.
- Provide the Budget Information Needed to Make Past Improvements (Cost/Details):  
N/A

- Recommendations/Actions for 2011-2012

- Person Responsible (Who will complete the action?):  
Ed Nolte
  - Action Plan:  
Obtain updated data, analyze, and take corrective action as necessary.
  - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):  
Summer 2012
  - Budget Information Needed for Future Action (Cost/Details):  
N/A
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