

**PET FORM**  
**Planning and Evaluation Tracking**  
**(2012-2013 Assessment Period)**

Division of: CTE

Person Responsible for this Division: Lyndy Wilkinson

Department of: Aviation Maintenance/ Aerospace Manufacturing

Primary Person Responsible for this Form: Ed Nolte

Purpose Statement (With Last Updated Date): Train technicians to pass the FAA Airframe and Powerplant licensure exams and/or secure positions with commercial, private and manufacturing aviation companies.

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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 #1A**

**(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.) (AC Strategic Plan through 2015: Strategy 1.3)

- Results (If Applicable, Provide Numbers and Percentages for Quantitative Data)

- **2010-2011 Data:** N/A – New Goal
- **2011-2012 Data:** Numbers = 7 out of 7 and Percentage = 100%

- Analysis

- Provide Previous Data/Result Analysis  
(Include if benchmark was met and how results relate to outcome statement):

Achieved the following results from tests indicated:

General – 100% (1 tested, passed)

Airframe – 100% (1 tested, passed)

Powerplant – 100% (6 tested, all passed)

(Data is taken from the FAA web-site for the period January 2010 through December 2011.)

- Improvements
    - List any Improvements Made in the **2011-2012** (Last Academic) Year:  
Students are enrolled in developmental classes until they reach college level in all areas.
    - Evaluate Why Improvements Were Successful/Were Not Successful:  
Not enough data to make this assessment.
    - What Budget Implications Were Involved with this Improvement? (Please Provide Cost Estimate/Details):  
No Cost.
  - Recommendations/Actions for 2012-2013
    - Person Responsible (Who will complete the action?):  
Ed Nolte
    - Action Plan:  
Encourage all students to take all FAA licensure exams.
    - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):  
May 2013
    - What Budget Implications Are Involved with this Action? (Please Provide Cost Estimate/Details):  
No cost.
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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. (No Excuses goal 4,5)

## **Outcome/Objective Statement #2A**

**(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.

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

- Results (If Applicable, Provide Numbers and Percentages for Quantitative Data)  
College does not maintain a database with this information at the program level.
- Analysis  
No data is currently available.
- Improvements
  - List any Improvements Made in the **2011-2012** (Last Academic) Year:  
Students are enrolled in developmental classes until they reach college level in all areas.
  - Evaluate Why Improvements Were Successful/Were Not Successful:  
No data available to make this assessment.
  - What Budget Implications Were Involved with this Improvement? (Please Provide Cost Estimate/Details):  
No cost.

- Recommendations/Actions for 2012-2013

- Person Responsible (Who will complete the action?):  
Ed Nolte
  - Action Plan:  
The Texas Higher Education Coordinating Board uses this data to assess the college therefore we need to encourage the college to provide this data for programs.
  - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):  
May 2013
  - What Budget Implications Are Involved with this Action? (Please Provide Cost Estimate/Details):  
No cost at the program level, but cost may be incurred at the office of Institutional Research.
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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.

**Outcome/Objective Statement #3A**

**(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.

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

- Results (If Applicable, Provide Numbers and Percentages for Quantitative Data)

- **2010-2011 Data:** Numbers = 11 out of 121 and Percentage = 9.09% (participation)
- **2010-2011 Data:** Numbers = 2 out of 52 and Percentage = 3.85% (completion)  
(No data available for 2011-2012 from the THECB web-site)

- Analysis

- Provide Previous Data/Result Analysis  
(Include if benchmark was met and how results relate to outcome statement):  
Achieved a 9.09% nontraditional (female) participation rate and a 3.85% nontraditional (female) completion rate. (2010-2011 Data) State target is 23.1% participation rate with a completion rate of 17.4%.

- Improvements

- List any Improvements Made in the **2011-2012** (Last Academic) Year:  
The program is actively recruiting female students and we are seeing positive results.
- Evaluate Why Improvements Were Successful/Were Not Successful: To effectively evaluate our recruiting efforts, we need current data.
- What Budget Implications Were Involved with this Improvement? (Please Provide Cost Estimate/Details):  
No costs were incurred, only time and effort of faculty and staff.

- Recommendations/Actions for 2012-2013

- Person Responsible (Who will complete the action?):  
Ed Nolte
  - Action Plan:  
Encourage the college to provide current data in order for the programs to make timely improvements.
  - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):  
May 2013
  - What Budget Implications Are Involved with this Action? (Please Provide Cost Estimate/Details):  
No cost at the program level, but cost may be incurred at the office of Institutional Research.
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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.

**Outcome/Objective Statement #4A**

**(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.

- Results (If Applicable, Provide Numbers and Percentages for Quantitative Data)

- **2009-2010 Data:** Numbers = 51 out of 57 and Percentage = 89.47%
- **2011-2012 Data:** Numbers = \_\_\_\_ out of \_\_\_\_ and Percentage =s \_\_\_\_%

- Analysis

- Provide Previous Data/Result Analysis  
(Include if benchmark was met and how results relate to outcome statement):  
Data indicates a 94.4% placement rate of our program completers.  
(34 out of 36 graduates found employment- based on 2007-2008 graduate data.)

- Improvements

- List any Improvements Made in the **2011-2012** (Last Academic) Year:  
Continue to grow the relationship developed between the college and Bell Helicopter/Textron.
- Evaluate Why Improvements Were Successful/Were Not Successful:  
100% of the successful graduates are guaranteed an interview with Bell/Helicopter Textron.
- What Budget Implications Were Involved with this Improvement? (Please Provide Cost Estimate/Details):  
No cost.

- Recommendations/Actions for **2012-2013**

- Person Responsible (Who will complete the action?):  
Ed Nolte
  - Action Plan:  
Continue to grow the relationship developed between the college and Bell Helicopter/Textron.
  - Expected Time Frame Needed to Implement Action Plan (Please provide specific deadline date):  
May 2013
  - What Budget Implications Are Involved with this Action? (Please Provide Cost Estimate/Details):  
No Cost.
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