

1. Assessment Plan - Three Column



PIE - Technology & Health: Aircraft Maintenance Unit

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>1. Where We Make an Impact: Closing the Loop on Goals and Resources</i>
<p>Increase Norms Scores - Increase section scores against national scores on FAA written testing. Status: Active Goal Year(s): 2016-17, 2017-18, 2018-19, 2019-20, 2020-21 Date Goal Entered (Optional): 09/01/2016</p>	<p>Request - Full Funding Requested - Acquire modern Computer Based Training software and hardware *Describe Plans & Activities Supported (Justification of Need): Industry training is increasingly more computer based. CBTs are also an excellent format for teaching technical topics within the program. Students would gain familiarization with CBTs and would improve their learning with the use of modern CBT programs and software. *Lead: David Yost What would success look like and how would you measure it?: Graduates would earn appreciably higher scores on certification written exams. Type of Request: IT SUPPORT: Requests for projects related to the implementation, integration, application, delivery, and support of information and instructional technologies. Planning Unit Priority: High One-Time Funding Requested (if applicable): 18600</p>	<p>Reporting Year: 2017-18 % Completed: 25 Required equipment has been estimated and submitted to the district for future funding. June 2017 Equipment cost updates to reflect current pricing (\$12,600 to \$22,000) March 2018 (08/02/2017)</p>

Curriculum Update - Update

<i>Unit Goals</i>	<i>Resources Needed</i>	<i>1. Where We Make an Impact: Closing the Loop on Goals and Resources</i>
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curriculum to satisfy new FAA part 147 curriculum requirements (Anticipated enactment by FAA was summer 2019 but has been delayed into likely summer 2020).
Status: Active
Goal Year(s): 2018-19, 2019-20, 2020-21
Date Goal Entered (Optional): 09/01/2019

Airframe Trainers - Secure additional industry-industry relevant airframe trainers
Status: Active
Goal Year(s): 2016-17, 2017-18, 2018-19, 2019-20, 2020-21
Date Goal Entered (Optional): 09/01/2016
Date Goal Archived/Inactivated (Optional): 05/11/2019

Request - Full Funding Requested - Update of computer lab including modern computers, printers and current industry relevant software.
***Describe Plans & Activities Supported (Justification of Need):** Industry training is increasingly more computer based. CBTs are also an excellent format for teaching technical topics within the program. Students would gain familiarization with CBTs and would improve their learning with the use of modern computers, monitors and printers.
***Lead:** David Yost
What would success look like and how would you measure it?: Student exam scores and certification exam scores would likely increase.
Type of Request: IT SUPPORT: Requests for projects related to the implementation, integration, application, delivery, and support of information and instructional technologies.
Planning Unit Priority: High
One-Time Funding Requested (if applicable): 20000
Total Funding Requested: 20000

Reporting Year: 2016-17
% Completed: 25
 Required equipment has been estimated and submitted to the district for future funding. (08/02/2017)

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Request - Full Funding Requested -
 Acquire an operational autopilot mock-up unit.
***Describe Plans & Activities Supported (Justification of Need):**
 Knowledge of modern autopilot systems are a required part of the program's FAA curriculum. Students would great increase their knowledge on this system via operation, inspection and repair of this system.
***Lead:** Byron Strope
What would success look like and how would you measure it?: Student exam scores and certification exam scores would likely increase.
Type of Request: INSTRUCTIONAL EQUIPMENT: Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.
Planning Unit Priority: High
One-Time Funding Requested (if applicable): 12000
Total Funding Requested: 12000

Partnerships - The Department will increase the number of industry partnerships and place more students in work experience environments
Status: Active
Goal Year(s): 2018-19, 2019-20, 2020-21
Date Goal Entered (Optional): 05/29/2019

Increase certification. - Increase number of students who attempt
Report directly on Goal
Reporting Year: 2018-19

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<p>and pass the FAA certification exams. Status: Active Goal Year(s): 2016-17, 2018-19, 2019-20, 2020-21 Date Goal Entered (Optional): 07/02/2017</p>	<p>Report directly on Goal</p>	<p>% Completed: 25 Certification attempts increased about 33% at the end of the 2017-2018 school year. This increase may have been due to financial support given to students in the form of grants. The program will need to continue to monitor this trend. (05/12/2019)</p>
<p>Electrical trainers - Acquire industry relevant analog and digital trainers to fill current shortage. Status: Active Goal Year(s): 2017-18, 2018-19, 2019-20, 2020-21 Date Goal Entered (Optional): 07/02/2017</p>	<p>Request - Full Funding Requested - Acquire analog and digital trainers (3 qty 1810A and 3 qty 1820A) *Describe Plans & Activities Supported (Justification of Need): Knowledge of modern digital systems are a required part of the program's FAA curriculum. Students would great increase their knowledge on this system via operation, inspection and repair of this system. 3 qty 1810A and 3 qty 1820A trainers. *Lead: David Yost What would success look like and how would you measure it?: Student scores on course and certification exams would likely increase. Students would gain additional confidence in electrical theory and certification exam attempts would likely increase. Type of Request: INSTRUCTIONAL EQUIPMENT: Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500. Planning Unit Priority: High One-Time Funding Requested (if applicable): 9000 Total Funding Requested: 9000</p>	<p>Reporting Year: 2016-17 % Completed: 25 Required equipment has been estimated and submitted to the district for future funding. (08/02/2017)</p>

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<p>Lab technician position - Hire a part-time evening lab tech to support evening tool crib.</p> <p>Status: Active</p> <p>Goal Year(s): 2017-18, 2018-19, 2019-20, 2020-21</p> <p>Date Goal Entered (Optional): 07/02/2017</p>	<p>Request - Full Funding Requested - Hire a part-time evening lab tech to support evening tool crib.. \$26,000 per school year.</p> <p>*Describe Plans & Activities Supported (Justification of Need): The evening program requires a part-time equipment tech to maintain equipment and control inventory of college equipment/tools. Program is currently funding this position. Position is crucial to program operation.</p> <p>*Lead: David Yost</p> <p>Type of Request: STAFFING: Requests for permanent employee positions or temporary/hourly employees.</p> <p>Planning Unit Priority: High</p> <p>On-Going Funding Requested (if applicable): 27600</p>	<p>Reporting Year: 2016-17</p> <p>% Completed: 25</p> <p>Required equipment has been estimated and submitted to the district for future funding. (08/02/2017)</p>
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<p>Part time Career Specialist - Acquire a Part time Career Specialist to assist with work experience placements and employer panels, career fairs, etc.</p> <p>Status: Active</p> <p>Goal Year(s): 2018-19, 2019-20, 2020-21</p> <p>Date Goal Entered (Optional): 05/29/2018</p>	<p>Request - Full Funding Requested - Part time Career Specialist</p> <p>*Describe Plans & Activities Supported (Justification of Need): Specialist to assist with work experience placements and employer panels, career fairs, etc.</p> <p>Type of Request: STAFFING: Requests for permanent employee positions or temporary/hourly employees.</p> <p>Planning Unit Priority: Medium</p> <p>On-Going Funding Requested (if applicable): 55000</p>	
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<p>AIRM Lab Repair and Upgrade - Repair, upgrade and modernize AIRM lab furnishing and equipment.</p>	<p>Report directly on Goal</p>	<p>Reporting Year: 2019-20</p> <p>% Completed: 25</p> <p>Estimates have been collected for these requested</p>
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<p>Status: Active</p>	<p>Report directly on Goal</p>	<p>resources. (05/12/2019)</p>
<p>Goal Year(s): 2017-18, 2018-19, 2019-20, 2020-21</p>	<p>Request - Full Funding Requested - Replace all work stools with modern padded stools *Describe Plans & Activities Supported (Justification of Need): Stools used by students in lab are 20+ years old, deteriorated and damaged. *Lead: David Yost/ Ryan Bohannon Type of Request: NON INSTRUCTIONAL EQUIPMENT: Tangible property with useful life of more than one year, other than land or buildings improvements, equal and over \$500 per individual item. Used for administrative or non-instructional purposes. Planning Unit Priority: Medium One-Time Funding Requested (if applicable): 9700</p>	
	<p>Request - Full Funding Requested - Replace shop roll up doors *Describe Plans & Activities Supported (Justification of Need): The current roll-up doors are more than 30 years old and are in very poor condition. District personnel spend numerous hours and resources troubleshoot and repairing the door. New, non-electric sliding doors would reduce maintenance costs and increase building security. *Lead: David Yost Type of Request: FACILITIES: This section includes minor building improvement projects and alterations to specific rooms or operational</p>	

Unit Goals

Resources Needed

1. Where We Make an Impact: Closing the Loop on Goals and Resources

areas.

Planning Unit Priority: Low

One-Time Funding Requested (if applicable): 85000

Request - Partial Funding Requested

- Update Equipment- Acquire power shear for airframe

***Describe Plans & Activities**

Supported (Justification of Need):

Will aid equipment tech in preparing instruction supplies and will teach students how to operate modern, relevant equipment.

***Lead:** David Yost

Type of Request: NON

INSTRUCTIONAL EQUIPMENT:

Tangible property with useful life of more than one year, other than land or buildings improvements, equal and over \$500 per individual item. Used for administrative or non-instructional purposes.

Planning Unit Priority: Low

One-Time Funding Requested (if applicable): 4500

Request - Full Funding Requested -

Acquire a new solvent and water based parts wash tank and heated parts washer.

***Describe Plans & Activities**

Supported (Justification of Need):

Need industry relevant parts cleaning equipment for students to clean lab parts and projects.

***Lead:** David Yost

Type of Request: NON

INSTRUCTIONAL EQUIPMENT:

Tangible property with useful life of more than one year, other than land or buildings improvements, equal and

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over \$500 per individual item. Used for administrative or non-instructional purposes.
Planning Unit Priority: Medium
One-Time Funding Requested (if applicable): 19000

Powerplant Trainers - Acquire updated powerplant equipment to replace outdated and damaged accessories, engine mounts, engines and units.
Status: Active
Goal Year(s): 2018-19, 2019-20, 2020-21

Request - Full Funding Requested - Powerplant accessories, engine mounts, engines and units.
***Describe Plans & Activities Supported (Justification of Need):** Knowledge of modern powerplant and support systems are a required part of the program's FAA curriculum. Students would great increase their knowledge on this system via operation, inspection and repair of this system. Current accessories are outdated and in poor condition.
***Lead:** David Yost
Type of Request: INSTRUCTIONAL SUPPORT PROGRAM FUNDING (INSTRUCTIONAL EQUIPMENT): Equipment, library material, or technology for classroom instruction, student instruction or demonstration, or in preparation of learning materials in an instructional program, equal or over \$500.
Planning Unit Priority: Medium
One-Time Funding Requested (if applicable): 8000

Full time Computer Facilities Assistant - Hire Full time Computer Facilities Assistant to assist with IT issues.
Status: Active

Request - Full Funding Requested - Full time Computer Facilities Assistant
***Describe Plans & Activities Supported (Justification of Need):**

