

Franklin County Career and Technology Center FALL OCCUPATIONAL ADVISORY COMMITTEE REPORTING FORM

PROGRAM AREA:	HVAC	Heating, Ventilation and Air Conditioning CIP# 47.0201	
MEETING DATE:	9/28/2023	START:	6:00 PM
		ADJOURN:	8:30 PM
COMMITTEE CHAIRPERSON:	Lane Hykes and Dylan Gress are co-chairs		
COMMITTEE MEMBERS/GUESTS ATTENDING:			
Dylan Gress		Mike Plum	
Lane Hykes		Ken Boxler	
William English			
Jackie Martin			
BRIEF MEETING SUMMARY			
<p>The committee was made aware of the roof project here at the school and the displacement of the shop into a temporary location. They were glad to see the school putting money into the school. No concerns were brought up about the time it is taking. We discussed the skills that the students are receiving at this time. The rest of the meeting was focused on the specialty equipment in the shop. Items like vacuum pumps, recovery machines, temperature testers, diagnostic tools, and gauges need replacement. The Committee would like to see an additional \$4,000-\$6,000 be put into this coming year's budget for the replacement of these tools. The question was raised if these items could be put on the 5-year equipment plan. It is understood that the 5-year equipment plan is to be used for larger ticketed items. The committee worked through suggestions on what would be the best use of the plan for student training. Members expressed concern about the fact that they are finding it hard to find qualified workers in the HVAC trade area. Each business owner represented at the meeting needs additional qualified workers and looks to our school for Co-Op students and recent graduates of the school to fill those positions.</p>			
ADMINISTRATIVE RESPONSE:			
<ul style="list-style-type: none"> • Admin would first like to thank Mr. Boxler and the HVAC students for their flexibility and willingness to relocate during the roof construction. • The recommended equipment needing replaced can be added to the 5-year equipment list for consideration through Perkins funding and/or other equipment grants. It is possible to group items as "supplies" through Perkins (especially for any tools that may be individually priced under \$1500.) Please add these items to the 5-year list and work with Dr. Shuman and Mr. Rotz. • We will continue to train entry level HVAC students under Mr. Boxler and we appreciate the Committee's support and interest in providing students with co-op opportunities. 			

Dylan Gress/ Lane Hykes

SECRETARY/CHAIRPERSONS SIGNATURE

SECTION 1: APPROVAL OF MINUTES OF LAST MEETING

PLEASE CHECK ONE OF THE ITEMS LISTED BELOW:

- The minutes of the last meeting are approved as presented.
- The minutes of the last meeting are approved with the following changes.
 - No Changes

SECTION 2: REVIEW OF RECOMMENDATIONS FROM LAST MEETING

- Committee read through the administrations comments from last meeting and appreciates the support that the school has for the OAC committees and their recommendations.

SECTION 3: FACILITIES

FACILITIES REPORTING FORM:

	<u>Satisfactory</u>	<u>Unsatisfactory</u>
1. The room provides the most advantageous use of space available	x	<input type="checkbox"/>
2. Room lighting is adequate for the the health and safety of the students.	x	<input type="checkbox"/>
3. The room/lab areas are clean	x	<input type="checkbox"/>
4. Tools and equipment are arranged in an orderly and task-appropriate manner	x	<input type="checkbox"/>
5. The area has adequate storage facilities for permanent and consumable supplies	x	<input type="checkbox"/>
6. Panic buttons are in operating condition.	x	<input type="checkbox"/>
7. Strategic floor areas are properly lined	x	<input type="checkbox"/>
8. Strategic floor areas are free of obstructions	x	<input type="checkbox"/>
9. There are adequate storage facilities for flammable and toxic materials.	x	<input type="checkbox"/>
10. There is adequate ventilation for flammable and toxic materials	x	<input type="checkbox"/>
11. Fire extinguishers are visible, accessible, properly maintained and adequate in number	x	<input type="checkbox"/>
12. Classroom space for instruction in related theory is adequate.	x	<input type="checkbox"/>
13. The classroom/shop/laboratory temperature is comfortable	x	<input type="checkbox"/>

- | | | |
|--|---|--------------------------|
| 14. The classroom/shop/laboratory is large enough for the number of students served | x | <input type="checkbox"/> |
| 15. Persons with disabilities are accommodated in the classroom/shops/laboratory | x | <input type="checkbox"/> |
| 16. Students have appropriate access to to equipment and supplies | x | <input type="checkbox"/> |
| 17. As much as possible, the laboratory area mirrors the accommodations found in the workplace | x | <input type="checkbox"/> |

COMMITTEE SUGGESTIONS/RECOMMENDATIONS FOR UNSATISFACTORY ITEMS:

1. Facility in good shape and aligned towards student training. No recommendations at this time.

SECTION 4: EQUIPMENT AND SUPPLIES

A. EQUIPMENT AND SUPPLIES REPORTING FORM:

- | | <u>Satisfactory</u> | <u>Unsatisfactory</u> |
|--|---------------------|--------------------------|
| 1. The supply of tools and equipment is adequate to implement the curriculum | | x |
| 2. Equipment and tools meet current industry standards and are appropriate for teaching the occupational skills for that business/industry | x | <input type="checkbox"/> |
| 3. The condition of the equipment indicates proper care and maintenance | x | <input type="checkbox"/> |
| 4. Equipment should meet OSHA safety standards with respect to guards, shields, grounding, etc | x | <input type="checkbox"/> |
| 5. Safety protection (safety glasses, shields, etc.) is provided and instruction in the proper use of them is provided | x | <input type="checkbox"/> |
| 6. Supplies are adequate to implement program objectives | x | <input type="checkbox"/> |
| 7. An inventory of equipment is maintained by the teacher or other staff member | x | <input type="checkbox"/> |
| 8. A schedule for repair and replacement of equipment, tools and supplies is maintained | x | <input type="checkbox"/> |
| 9. A security system for the use of tools, equipment and supplies is maintained | x | <input type="checkbox"/> |
| 10. Material Safety Data Sheets (MSDS) are provided for each flammable, toxic or explosive material as recommended by OSHA | x | <input type="checkbox"/> |

COMMITTEE SUGGESTIONS/RECOMMENDATIONS FOR UNSATISFACTORY ITEMS:

1. Need to replace shops specialty tools. Recovery machines, vacuum pumps, gauges, and diagnostic tools. Estimated value in the range of \$4,000-\$6,000. If this amount can't be put into the 5 year equipment plan, the committee would like to see this increase be put into the shops 2024-25 budget.

B. RECOMMENDATIONS ON EQUIPMENT AND SUPPLIES

- 1.) What additional equipment is recommended to meet current industrial/occupational skill standards?
 - The committee recommends following the 5-year equipment plan for the replacement and upgrade of the shops equipment.
- 2.) What equipment is recommended for replacement within the next two years?
 - Some of the shops testing tools, such as the recovery machines, vacuum pumps, and testing meters should be replaced in the near future as budget allows.
- 3.) What equipment is recommended for replacement within the next five years?
 - See five-year equipment plan.
- 4.) Other recommendations:
 - The committee is pleased with having the students purchase their own hand tools. This makes them learn responsibility and the value in keeping track of their own tools.

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. No more recommendations now.

C. UPDATE FIVE YEAR EQUIPMENT LIST FROM DISCUSSION AND ATTACH TO THIS DOCUMENT:

SECTION 5: GENERAL DISCUSSION

LIST ITEMS FOR DISCUSSION NOT COVERED IN OTHER AREAS:

- Discussed the possibility of the Construction group building a small home project together.

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. None at this time.

HVAC FCCTC - 5 Year Equipment List (OAC Approved Projections & Recommendations)

Year	Item	Justification for Need	QTY	Cost per Unit (\$)	Total Cost (\$)	Purchase Status
2020-21						
1	Service Titan - Software	Job log and reporting system. Widely used in the industry to log daily jobs and work performed. Give students and understanding of daily logging in the industry	1	12000	12000	Perkins
		equipment in the shop for equipment troubleshooting				
2021-22						
1	Multit Zone Control System	Current systems is outdated at this point. New system will meet the training requirements of the industry.	2	3500	7000	Purchase -Perkins
2022-23						
1	JLG electric Scissor Lift 20 height range and 30" platform	This equipment will give the students the opportunity to learn how to safely operate a lift on the job site	1	18,000	18,000	Purchase - Perkins
2023-24 Current Year						
2	Pipe threading machines	Current systems is outdated at this point. New system will meet the training requirements of the industry.	2	11,500	23,000	

2024-25						
1	High Efficiency Heat Pump System Trainer	Current systems are outdated at this point. New system will meet the training requirements of the industry.	1	12000	12000	
2025-26						
4	Self-Contained PTAC Units	These systems will give the students a look into equipment used in Hotels and Hospitals This system will be Heat Pump systems and A/C with hot water coils.	4	4500	18000	
2025-26						
1	Duct installation Lift	23' Electric Material Lift - 660 LB Capacity	1	\$6500	\$6500	
2028-29						
1	Solar Hot Water	This system will give the students a look into Alternative ways to heat a home or commercial building. This system will be a Water hydronic system. This will be added to the system	1	\$10000	\$10000	