

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

PROGRAM AREA:	CIM				
MEETING DATE:	9/28/2023	START:	5:00 PM	ADJOURN:	
COMMITTEE CHAIRPERSON:	Lesli Shuman				
COMMITTEE MEMBERS/GUESTS ATTENDING:					
Matthew Brown Tony Morrissey Dan Gorman Kelly Miller Shawn Coblentz Jennifer Everetts Michelle Mellott Lesli Shuman					
BRIEF MEETING SUMMARY:					
<p>Members arrived around 5:00 PM and had dinner first. Members present introduced themselves to Mr. Horst. Mr. Horst gave the members a brief background. From there the group toured the shop area and discussed layout, equipment that instructor is considering selling or removing. Discussed how to best lay out the machines for student work flow from manual to CNC. Group returned to the classroom to discuss equipment recommendations, recruitment and important future dates for member involvement.</p>					
ADMINISTRATIVE RESPONSE:					
<ul style="list-style-type: none"> • Administration was pleased to have our OAC members meet Mr. Horst and spend time discussing the future of the program. • Recommendations for equipment can be added to the 5-year equipment list to be considered for purchase with Perkins funding and/or other equipment grants. More accurate prices will need to be obtained when it is time to consider purchase. These are wide ranges, but we also understand there could be a wide price range between new and softly used equipment. • Administration is appreciative of the committee's input with regards to current industry standards regarding manual and CNC equipment. Prioritizing CNC appears to be what would mirror the industry trends. We will continue to offer manual training as a foundation and basis for machining but we can start to move towards a majority of CNC. 					

X

Secretary/Chairperson's 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.

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SECTION 2: REVIEW OF RECOMMENDATIONS FROM LAST MEETING

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SECTION 3: FACILITIES

FACILITIES REPORTING FORM:

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

- | | | |
|--|-------------------------------------|--------------------------|
| 12. Classroom space for instruction in related theory is adequate. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 13. The classroom/shop/laboratory temperature is comfortable | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 14. The classroom/shop/laboratory is large enough for the number of students served | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 15. Persons with disabilities are accommodated in the classroom/shops/laboratory | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 16. Students have appropriate access to to equipment and supplies | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 17. As much as possible, the laboratory area mirrors the accommodations found in the workplace | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

COMMITTEE SUGGESTIONS/RECOMMENDATIONS FOR UNSATISFACTORY ITEMS:

1.

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

10. Safety Data Sheets (SDA/MSDS) are provided for each flammable, toxic or explosive material as recommended by OSHA



COMMITTEE SUGGESTIONS/RECOMMENDATIONS FOR UNSATISFACTORY ITEMS:

1. Some would like to see a reduction in the amount of manual machines and focus more on cnc. Along with the reduction of some current non efficient style cnc machines

B. RECOMMENDATIONS ON EQUIPMENT AND SUPPLIES

- 1.) What additional equipment is recommended to meet current industrial/occupational skill standards?
 - Efficient and user friendly cnc machines such as a HAAS VF2 and a HAAS sl-20
- 2.) What equipment is recommended for replacement within the next two years?
 - Some of the manual lathes could be traded out for the floor space and we could replace them with a CNC lathe
- 3.) What equipment is recommended for replacement within the next five years?
 - Constantly updating and getting more and more CNC machines is going to be crucial to provide all the students proper education on such equipment. Not saying manual machining is not important because it provides the basis and structure for all machining but most of our students will rarely ever see/use a manual machine in industry
- 4.) Other recommendations:
 - Set up an inspection area and utilize the CMM machine we have to check parts

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

- 1.

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:

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COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

- 1.

FIVE YEAR EQUIPMENT LIST

		<u>Item</u>	<u>Justification/Why is it needed?</u>	<u>QTY</u>	<u>Unit Cost</u>	<u>Total Cost</u>	<u>Purchase Date</u>
202-23							
	1						
2023-24							
	1	HAAS vertical mill	The more CNC machines we have the more efficient we can teach these kids to be as it will not create a back log. The VF1 is also getting very old and would be good to replace while we can still get a little money out of it	1	\$40,000- \$100,000		
2024-25							
	1	Haas lathe	The more CNC machines we have the more efficient we can teach these kids to be as it will not create a back log	1	\$40,000- \$100,000		
2025-26							
	1	Phillips additive hybrid	Combines 3d printing with machining. Good for cad modeling and students the want to continue to be in engineering/ programing	1	\$50,000- \$100,000		
2026-27	1	CNC Form grinder	Will teach precision grinding and be a benefit to local companies	1	\$50,000- \$150,000		
