

## Franklin County Career and Technology Center SPRING OCCUPATIONAL ADVISORY COMMITTEE REPORTING FORM

<b>PROGRAM AREA:</b> Engineering Technology		
<b>MEETING DATE:</b> 4/15/2024	<b>START:</b> 7:00	<b>ADJOURN:</b> 8:30
<b>COMMITTEE CHAIRPERSON:</b> Loren Myers		
<b>COMMITTEE MEMBERS/GUESTS ATTENDING:</b>  Loren Myers- Loudon Industries Dean Miller- ADUSA Drew McLaughlin- American Micro Industries Megan Baker- Program Instructor		
<b>BRIEF MEETING SUMMARY</b>  Overall the Committee was pleased with current program details under the required topics discussed. Happy to hear a Spring engineering student is on CoOp at Fives Landis and that program enrollment is increasing.  Committee suggests an increase of industry site field trips for program students, offered to facilitate for their companies (ADUSA and Loudon Industries).  As a result of discussion, Committee seeks to change to the Brand/Model and quantity of robotic arm requested in the 24/25 Perkins Planning budget. Would like to see purchase of several DoBot Robotic Arms instead of one large Intellitek robotic arm. The DoBot arms are less expensive per unit; are of a size and scale to better integrate with existing equipment in the program. Several Dobots would also allow more students to integrate robotics into projects at the same time and offer equivalent programming experiences.		
<b>ADMINISTRATIVE RESPONSE:</b> <ul style="list-style-type: none"><li>• Administration believes the offers for industry visits are exceptional ideas. Thank you for the offer.</li><li>• The change can be made in the Perkins requests. Please update the Equipment list with the new information and pricing.</li></ul>		

Chairperson: *Loren Myers*

**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**

- Committee was pleased with the funding provided for replacement equipment.

**SECTION 3: UPDATE OF PROGRAM**

**A. ENROLLMENT:**

Enrollment Numbers – Semester 1(Fall) 19

Enrollment Numbers – Semester 2 (Spring) 14

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:**

1. Committee was pleased to hear that this year Tuscarora SD permitted their students to choose this program for the first time. Three students were enrolled. Committee hopes to see more TSD students enroll going forward.

**B. Cooperative Education**

**Student Statistics**

	<b>Number of Students</b>
Eligible Students	<b>3</b>
Students Placed on Co-op	<b>1</b>
Students Declining Co-op Opportunities	<b>0</b>

**Employer Statistics** (List each employer and number of students employed.)

- Fives Landis

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:**

1. Committee pleased to have a student out on CoOp and felt the description of his experience so far fits the POS. Committee members hope to see more students seek CoOp experiences. They may be able to provide when needed.

**C. STUDENT PLACEMENT: (From Senior Placement Survey)**

	<b>Number of Students</b>
Previous Year Graduating Seniors	6
Previous Year Completers	5
<b>Placement Data</b>	
Employed Related to Career Field	2
Employed Unrelated to Career Field	0
Military Service	1
Enrolled Postsecondary Education	3
Available for Employment but Unemployed	

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:**

1.

**SECTION 4: SAFETY**

**SAFETY:**

The program safety procedures and policies were reviewed and the committee found that they were:

Satisfactory  Unsatisfactory

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:**

1.

**SECTION 5: CURRICULUM**

**A. POS TASK LIST:**

The Pennsylvania Department of Education Program of Study Task List has not been updated this year and requires no additional review.

The Pennsylvania Department of Education Program of Study Task List has been updated this year. A copy of the document was provided to committee members for review.

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:**

1.

**B. CURRICULUM REPORTING FORM:**

	<u>Satisfactory</u>	<u>Unsatisfactory</u>
1. The curriculum reflects current trade philosophy and practices.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Books and instructional materials are appropriate for students in this program.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Audio-visual aids are sufficient to support the curriculum.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. The curriculum provides:		
a. Balance between theory and practical work	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Career and Technical Student Organization activities as an integral part of the curriculum	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Field trips related to job sites	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Adequate instruction on safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Pre-test and post-test to determine student knowledge	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Development and/or application of related academic skills	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. Competency-based education	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. The curriculum has been developed with the cooperation and advice of the Occupational Advisory Committee	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. There is an occupational demand in the community for the occupational skills being taught	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS FOR UNSATISFACTORY ITEMS:**

1. Committee was pleased to see students visited Johns Hopkins Applied Physics Lab and recommends more field trips to job related sites. Mr. Myers felt that a tour of Loudon Industries could happen. Mr. Miller could facilitate setting up tour of ADUSA in Greencastle.

**C. TEXTBOOKS/CURRICULUM REVIEW:**

- The textbook/curriculum currently in use has been determined to be adequate by the committee and requires no additional review.
- The textbook/curriculum currently in use was determined to require updating.

The following textbooks/curriculum were presented to the committee for review.

- Project Lead the Way

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:**

1. Agrees that partnership with PLTW should continue as it balances theory and practical hands on practice with materials and equipment. Also discussed that there are no comparable other options.

**D. CERTIFICATIONS:** (List certifications available to your students)

- OSHA 10 Hour General Safety

**Number of Students Receiving Certification:**

- 21

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:**

1. Committee suggested looking in to options for value added industrial certifications such as Lean, IDEA, 6Sigma, etc if available to high school age students.

**E. CAREER AND TECHNOLOGY STUDENT ORGANIZATIONS (CTSO) INSTRUCTION:**

**List how CTSO's have been incorporated in the program.**

- One engineering student competed in the Skills USA Related Technical Math District Competition.

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:**

1. Discussed other competitions that may be appropriate for engineering students.

**F. COLLEGE IN THE HIGH SCHOOL/ARTICULATION AGREEMENTS:**

**List College in the High School/Articulation Agreements currently offered by your program.**

- Penn College – on hold this year per teacher's request
- SOAR: Harrisburg Area Community College, Pittsburgh Technical College, Saint Francis Univ, Luzerne and Montgomery County Community Colleges

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:**

1. None

**SECTION 6: ADULT EDUCATION**

This program currently has no associated adult education offerings associated with it.

This program has adult education offerings as listed below:

- 

**COMMITTEE SUGGESTIONS/RECOMMENDATIONS FOR ADDITIONAL OFFERINGS/COMMENTS:**

- 1.

## **SECTION 7: GENERAL DISCUSSION**

### **LIST ITEMS FOR DISCUSSION NOT COVERED IN OTHER AREAS:**

- **Review 24/25 Perkins Purchase Requests and 5 Year Equipment List**
- **Received Delivery of Haas Desktop CNC Mill (Perkins)**
- **Materials and Equipment needed to purchase to support PLTW's curriculum updates.**
- **Furniture replacement, Storage addition, locker replacement planning**

### **COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:**

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