

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

PROGRAM AREA:	Engineering Technology				
MEETING DATE:	5/5/2021	START:	4:00	ADJOURN:	5:30
COMMITTEE CHAIRPERSON:	Loren Myers				
COMMITTEE MEMBERS/GUESTS ATTENDING:					
Joshua Brown - JB Technical Solutions					
Loren Myers - Loudon Industries					
Michael Graham - Volvo Construction					
Megan Baker - Program Instructor					
BRIEF MEETING SUMMARY					
<p>Committee welcomed new member Joshua Brown, CAD technician/owner of JB Technical Solutions in Waynesboro. Committee pleased with the receipt of 3D Printer and Laser Cutter stations. Committee approved staying with the PLTW curriculum at this time. Discussed and recommended more investigation in to developing credit agreement with Shippensburg University engineering program as well as other local institutions students are actually interested in attending. Approved moving Fluid Power Trainer/Hydraulic to 22/23 Perkins Year. Committee stated that there is a local need for employees in the area of Engineering Technology and related manufacturing careers.</p>					
ADMINISTRATIVE RESPONSE:					
<ul style="list-style-type: none">• Administration has met with Shippensburg University personnel to discuss the development of an articulation agreement for this program. More work will be completed in this area. Very good committee recommendations to pursue.					

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.

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SECTION 2: REVIEW OF RECOMMENDATIONS FROM LAST MEETING

- Committee pleased with receipt of 3D printer and Laser Cutter stations.

SECTION 3: UPDATE OF PROGRAM

A. ENROLLMENT:

Enrollment Numbers – Semester 1(Fall) 19

Enrollment Numbers – Semester 2 (Spring) 12

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. Pleased to see numbers have been increasing each year.

B. Cooperative Education

Student Statistics

	Number of Students
Eligible Students	0
Students Placed on Co-op	0
Students Declining Co-op Opportunities	0

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

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COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. Discussed that some students did not have driver's license/personal transportation or all task completed to qualify for Co-Op.
2. Discussed how to make co-op more attractive to engineering students as many choose not to do it because they have college plans made.

C. STUDENT PLACEMENT: (From Senior Placement Survey)

Number of Students

Previous Year Graduating Seniors	1
Previous Year Completers	1
Placement Data	
Employed Related to Career Field	0
Employed Unrelated to Career Field	0
Military Service	0
Enrolled Postsecondary Education	1
Available for Employment but Unemployed	0

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. Discussion also held regarding 20-21 year Senior Placement data

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. Discussed positive outcomes of current COVID mitigation procedures included in this years safety plan.

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. Committee recommends adding the State removed electronics task on to the local task list.

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. It is understood that Field Trips were not permissible during the Covid19 pandemic.

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 Curriculum

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. Recommended keeping the PLTW curriculum.
2. Recommended that time priority continue to be given to hands-on industry related assignments over general theory assignments.

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

- OSHA 10 Hour General Safety

Number of Students Receiving Certification:

- Fall 6 Spring 4 = 10 total

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. Committee pleased with certification levels.
2. Discussed to continue search for additional engineering related certifications available to high school level students.

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

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

- Various math disciplines are incorporated to support students for the Technical Math competition

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. Pleased with participation in CTSO's.

F. COLLEGE IN THE HIGH SCHOOL/ARTICULATION AGREEMENTS:

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

- Penn College of Technology- CAD122

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. Pleased with the current agreements.
2. Discussed and recommended more investigation in to developing agreement with Shippensburg University engineering program as well as other local institutions students are actually interested in attending.

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:

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COMMITTEE SUGGESTIONS/RECOMMENDATIONS FOR ADDITIONAL OFFERINGS/COMMENTS:

- 1.

SECTION 7: GENERAL DISCUSSION

LIST ITEMS FOR DISCUSSION NOT COVERED IN OTHER AREAS:

- **5 Year Equipment List: Move Fluid Power Trainer/Hydraulic to 22-23 Perkins Year**

COMMITTEE SUGGESTIONS/RECOMMENDATIONS/COMMENTS:

1. Approved moving Fluid Power Trainer/Hydraulic to 22/23 Perkins Year
2. There is a local need for employees in the area of Engineering Technology and related manufacturing careers.