



DISTRICT ADMINISTRATION OFFICE
 227 NICHOLS STREET
 WELLSBORO, PA 16901
 (570) 724-4424
 FAX: (570) 724-5103

EVERY CHILD,
 EVERY OPPORTUNITY,
 EVERY DAY...
 STRIVING FOR SUCCESS

Program Title (CIP Code)
Agriculture Mechanization (01.0201)
Occupational Advisory Committee
April 3, 2023 at 5:30

- I. Call to Order: 5:30 PM
- II. OAC Attendance: **Bold -B/I**
 Program Description: <https://www.education.pa.gov/K-12/Career%20and%20Technical%20Education/CIP%20Codes/CIP%20Code%2001.0201.pdf>

x	Kristin Hamilton	x	Kris Bower
x	Jeffrey Quick	x	Amber Whitney
x	Chris Bull	x	Daniel Bower
x	Mark Hamilton		
x	Jackie Patterson		
x	Pat Chappell		

- I. Approval of Fall 2022 Minutes - Sent via email to the OAC

Motioned	Pat Chappell	Seconded	Kristin Hamilton
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All in favor.

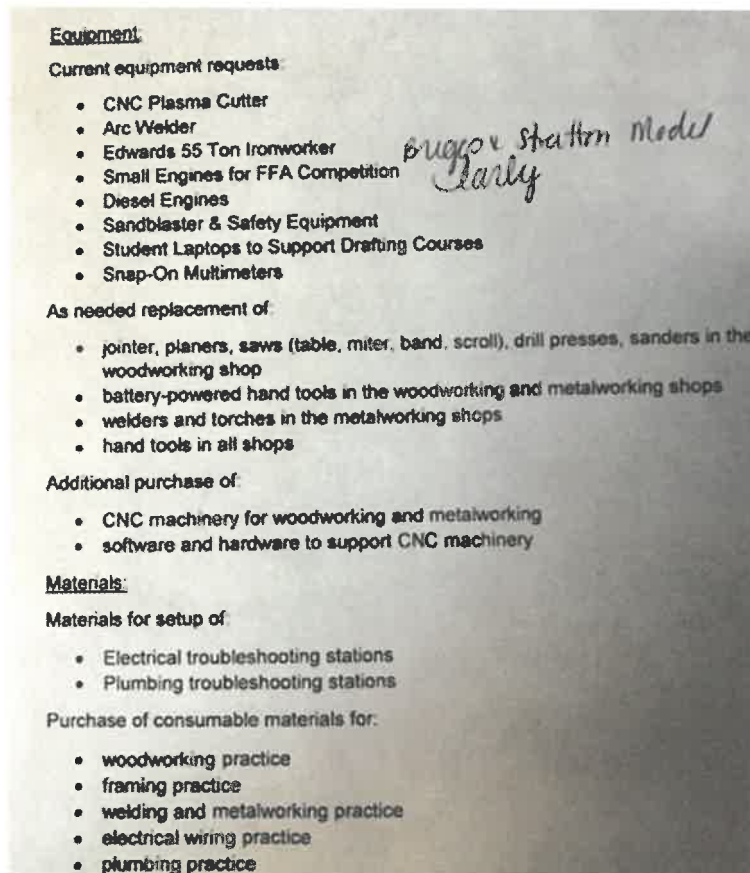
- II. Old Business:
 - a. Reminder that letters of support are needed annually. Thank you to those who have provided these. (Annual- Monroe Tractor 5/1/22 and Wellsboro Equipment 1/30/22)
 Updated letter for 5/1/23 from Chris Bull at Wellsboro Equipment
 Updated letter for 5/25/23 from Kris Bower at Monroe Tractor
 - b. Must be dated, signed, on letterhead/business card- Completed for 23-24.
- III. New Business:
 - a. Perkin's Monitoring Corrective Actions- The 16 corrective actions were provided and discussed.

- b. Safety Checklist (D) All of the PDE Checklists will be sent via survey monkey link for each OAC members in the Spring. We will continue a Spring administration. The state requires us to have an “assessment tool” each year and this has been turned into a survey link below. It is directly pulled from the state. Thank you for helping us meet the requirements.

<https://www.surveymonkey.com/r/AgMech2023>

- c. Shop layout (D) Tour available anytime. Open house April 5-6, 2023/Parent Conference Time. OAC members are welcomed to schedule a time when it is convenient for them and Mrs. Whitney.
- i. Equipment and Tools Needed (F)/3 year equipment list- Review and discuss for Perkin’s and other funding

Recommendation and approval of equipment lists presented



The Arc welder and CNC should be purchased or in process. We keep items on the list in case we need additional funding to finalize the purchase. Chris Bull added that if we want Briggs and Stratton to order early. Orders are experiencing significant delays.

Motioned	Pat Chappell	Seconded	Chris Bull
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All in favor.

d. Curriculum (POS and Maps) (B) Located at [PDE PA POS](#)

Under Agricultural Mechanization, General CIP 01.0201 version 2024

POS and Curriculum Maps

Agricultural Mechanics

CIP: 01.0201 |

Subject -- Hours	Grade 9 -- Hours	Grade 10 -- Hours	Grade 11 -- Hours	Grade 12 - Hours
English (4)	9 English or 9 CP or 9 Honors English	10 English; or 10 CP or 10 Honors English	11 English; or 11CP or 11 Honors English	12 English, or 12 CP or AP English and AP Composition
Math (4)	Any sequence of courses that meet PSSA standards	Geometry		
Science (4)	General Science or Keystone Biology	Keystone Biology or Chemistry	Chemistry or Science in Technology	CP Physics; Physics; or Honors Physics and Advanced Biology Plant Science Animal Science
Social Studies (4)	World History	American or Honors American History	Government & Economics Honors Government & Economics	Applied Psychology Dual Enrollment Psychology Sociology Criminal Fiction Contemporary Affairs Justice Education AP Government
Humanities	Music	Intro to Art		
Physical Education	Health & Physical Education	Health & Physical Education	Health & Physical Education	Health & Physical Education
TECHNICAL -- 360 Hours	Intro to Ag.	Leadership/FFA and SAE or NRM	Leadership/FFA and SAE or NRM	Environmental Science
	Woodworking 1 or Intro to Shop Skills	Electricity	Wood I or Wood II	Small Engines and Shop Maintenance
	Drafting	Carpentry Construction I	Metal	Business Management
				School to Work

We will continue to seek to be preventative regarding: non trad indicator, 8 (Program minimum), and 4 OAC members in Business/Industry. Chris Bull stated if this is ever a problem, he will help us find committee members. Mrs. Berndtson

asked what will go in place of Carpentry Construction I. The task grid can be changed to DIY Home Improvement.

New courses for 23-24 SY: CTE Business Math, DIY Shop

- i. Instructional Materials-
- ii. Field trips, on the job training, work-based experiences, guest speakers

Mrs. Whitney shared that classes attended PCT in the fall for [Build your Future](#)

Rob Kieser took a group of students to Blue Collar Welding Tour at Mansfield HS by [Western Welding Academy](#) with welding demonstrations and hands on activities for the students.



Kristen Hamilton shared about Workforce Development's partnership with Commonwealth University. Mr. Hamilton shared that we are seeking to bring instructors into the area and not necessarily "brick and mortar." This is the idea behind [Northern PA Regional College](#). Several informational flyers were provided on NPRC. Much of the course work is virtual and there is a site in Elkland at NTSD.

On March 21st the 8th grade students came and participated in 8 rotations to CTE areas. Students in the program helped highlight the program to 8th grade students.

An additional field trip the students are interested in is making lumber. Currently, Mrs. Whitney is looking at Patterson's.

- e. Analysis of NOCTI test- 1 student will be taking the NOCTI in late April. An individual from B/I must administer the assessment.
- f. Placement After Graduation (H): Adding Dual Enrollment PCT Course- PCT has a teacher credential review process. Mrs. Whitney is under review for teaching Power Tools. PCT's review and approval is 1 year.
- g. Program Evaluation (H): Verification of Industry Standard and Student Competencies are being Achieved: PDE approved credentials are shared. Checked in CAT's indicates the WAHS industry recognized credential.

Industry Credentials	Credential Provider	Select
OSHA Certification - Agriculture	CareerSafe	<input checked="" type="checkbox"/>
Outdoor Power Equipment Technician Certification	Equipment & Engine Training Council	<input checked="" type="checkbox"/>
National Safe Tractor and Machinery Operator	Hazardous Occup and Safety Training in Ag (HOSTA)	<input type="checkbox"/>
Pennsylvania Environment Agricultural Conservation Certification of Excellence (PEACCE)	PA State Univ Dept of Envir Protection Dept of Ag	<input type="checkbox"/>
Pennsylvania Nutrient Management Certification	Pennsylvania Department of Agriculture	<input type="checkbox"/>
Pennsylvania Pesticide Applicator Certification	Pennsylvania Department of Agriculture	<input type="checkbox"/>

Valid for All Schools/All CIP Codes

Industry Credentials	Credential Provider	Select
OSHA Certification	CareerSafe	<input checked="" type="checkbox"/>
OSHA Certification	Occ Safety and Health Admin (OSHA)	<input type="checkbox"/>

Improvement Plan: Industry Credential Indicator- Improvement should occur as all students in a CTE program have IRC build into the programs.

- h. Employment Outlook/Co-op Opportunities- An updated, 2022 Local Employment Data packet was provided to all OAC members. All of our OAC Business and Industry committee members are saying there are employee shortages in their businesses.

Post-Secondary Indicator- Currently working towards improving the participation. The PDE survey links are out for last year's graduates.

Mr. Quick shared that he is on the Upper Pine Creek Appeals Board which has scholarships available to students in the local area (WAHS/CV) interested in the building trades. The scholarship is not limited to post-secondary but could be for tools to go into the field.

- I. Other Business or Related Matter - **-Next Meeting Tentatively planned for November 9, 2023. The format will be a large LAC/Stakeholder meeting and branch out to OAC meetings.**

- II. Adjournment- 6:45 PM

Motioned	Chris Bull	Seconded	Jeffrey Quick
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All in favor.

Informational Attachment:

Industrial Technology Courses with Mrs. Whitney

Courses for Practical Skills and Careers

The industrial technology courses teach practical skills that are useful in your everyday life and your future career.

Hands-On Classes

The industrial technology courses focus learning skills and techniques in the shop setting. All classes are primarily hands-on learning with a focus on safety and proper technique.

Intro to Shop Skills and Shop Skills

- ✓ For students who are new to shop classes and using power tools.
- ✓ Focused on shop safety.
- ✓ Variety of shop projects and topics:
 - Woodworking
 - Metalworking
 - Building & Construction
 - Electricity
 - Plumbing

Electricity

- ✓ Learn about residential wiring.
- ✓ Focus on electrical safety.
- ✓ Wire Up:
 - Breaker Box
 - Switched Lights and Outlets
 - Three-Way Switches
 - Four-Way Switches
 - Residential Circuit Breakers

Woodworking 1 and Woodworking 2

- ✓ For students who have worked with power tools or previously taken a shop class.
- ✓ Focus on shop and power tool safety.
- ✓ Incorporates various types of joinery into student projects.
- ✓ All projects are student-selected projects.

Shop Maintenance & Repair

- ✓ Learn about maintaining and repairing various shop equipment.
- ✓ Receive OSHA 10-hour certification for general industry.
- ✓ Topics include:
 - Diesel Engines
 - Hydraulic Systems
 - Pneumatic Systems

Small Engine Technology

- ✓ Focused on theory and operation of small engines.
 - First six weeks of course focus on theory.
 - Last twelve weeks of course focus on hands-on projects.
- ✓ Disassemble and reassemble a small gas engine.
- ✓ Maintenance and repair of lawn mowers, four-wheelers, etc.

Plumbing

- ✓ Learn about residential plumbing.
- ✓ Focus on plumbing and tool safety.
- ✓ Read and interpret codes, specifications, and blueprints.
- ✓ Successfully plumb water supply lines and drain lines.
- ✓ Learn HVAC basics.