FACT

The average wage and benefits in manufacturing are 26.6% higher than the average of all industries.

FACT

Michigan has 80,000 jobs that can't be filled because of the scarcity of trained workers.

FACT

Engineering is just one example of the high skill level required for many advanced manufacturing careers - 40% of all engineers in Michigan are employed by a manufacturer.

TECH DEPARTMENT OFFERINGS

Woods 1
Metals 1
Plastics 1
Plastics 2
CAD 1
CAD 2
CAD 3
CAD 4
Engineering 1
Engineering 2
Intro to Java
AP Computer Science
Programming C++
Computer Repair
Career Tech Center (www.oaisd.org/ctc/)
Woods Manufacturing
Woods/Cabinet Making
Advanced Woods/ Sporting Goods
Metals Machining
Metals Welding & Fabrication
Advanced Metals/ Fabrication
MEPP Prep
Internship
Job Shadowing

MEPP BOARD MEMBERS

Artiflex Manufacturing, Grand Rapids.....www.artiflexmfg.com
DeWys Manufacturing, Marne .....www.dewysmfg.com
Disher Design & Development, Zeeland .....www.disherdesign.com
NN Mobile Solutions, Kentwood .....www.nninc.com
Stone Plastics and Manufacturing, Zeeland.....www.stoneplasticsmfg.com

TECH DEPARTMENT

Metals/Plastics .....Gary Klein .....gklein@capsk12.org 997-3566
CAD/Woods.....Mike Fritz .....mfritz@capsk12.org 997-3578
Engineering.....Jim Nicolas .....jnicolas@capsk12.org.....997-3543
Counselor .....Jean Arteaga.....jarteaga@capsk12.org 997-3518

FACT

West Michigan continually creates more jobs than both the state and national average and today has more than 2,500 manufacturing companies growing in the region.

FACT

According to the BLS, the median wage for a welder in 2018 was $19.35/hour and a CNC machine tool programmer was $25.26/hour. Both of these careers are in high demand.

SKILLS

Woods: Advanced techniques in shaping, fastening, and finishing including spindle and faceplate lathe turning, cabinet making, CNC machining, product manufacturing, print reading.

Metals: Arc welding, mig welding, tig welding, gas welding, metal fabricating, plasma cutting, cnc milling, lathe machining, spot welding, aluminum foundry/pattern making, print reading.

Plastics: Injection molding, blow molding, thermoforming, hot stamping, sonic welding, rotomolding, casting, fluidized bed coating, expandable bead molding, fiberglass, print reading.

CAD: Manual drafting techniques, applied mathematics, GD&T, AutoCad, Solidworks, CATIA, Unigraphics, print reading.

Engineering: Battery & motor testing, JIT, cell layout, quality control, DOE, lean processing, cross-functional team formation, value streams, process flow, preventative & predictive measures, quality standards.

MEPP PARTNERS GLPSI 08/2019

Manufacturing Engineering

MEPP

Partnership Program

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Manufacturing Engineering MEPP Partnership Program

Enter the workforce after graduation, with the potential to get college paid for!

COOPERSVILLE HIGH SCHOOL

198 East Street, Coopersville, MI 49404

616-997-3500

www.coopersvillebroncos.org

CAREER READINESS

- Coopersville High School offers over 30 different elective classes for 9th-12th grade students to assist in exploring interests and developing skills. Descriptions are available in our course catalog on our high school web page.
- All students create a four-year high school plan that includes goals for classes and extra-curricular activities. **Optional** MEPP Prep course available the fall of senior year.
- MEPP partners provide real world learning in the classroom by donating new technologies, providing actual prints for school projects, co-lecturing, demonstrating with examples from the workplace, tours of their company, donating consumables for the tech lab classroom, providing both instructors and students with specialized training, and guest speak with details on career opportunities, wages, benefits, and company culture.
- Teamwork, communication, timeliness and problem solving are integral to lesson design in all courses.
- Students are guided in how to write professional resumes and cover letters.
- Students practice interviewing skills and professional etiquette.
- Help is provided with setting up job shadows, work-based learning, and internship experiences.
- CAD 3 and 4 students are required to take the CSWA. Students may also choose to take the CSWP exam.
- A MEPP job fair, held in the spring, is open to students 16 and older.

EMPLOYMENT

- Graduating seniors interested in full-time, part-time, or a summer experience in manufacturing, apply to the MEPP program in January of senior year. Once accepted, those with at least four tech classes and/or have taken the **elective** MEPP Prep class are guaranteed interviews to as many of the MEPP partners as they would like. Those applying that do not meet this criteria are still guaranteed a review of their application for a potential interview. It is common for students to receive multiple job offers before graduation from high school.
- Employers receive applications that include the following: MEPP application with signed parent consent, cover letter, resume, attendance history, transcripts, standardized test scores, and detailed comments on technical skills, creativity, initiative, teamwork, general strengths and weaknesses.
- After graduation, not every student is college bound. However, only those employers with tuition reimbursement will be invited into a partnership to ensure students are given opportunities to continue their education.

For more information find us on the web at

https://coopersvillebroncos.org/high-school/student-services/mepp

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BENEFITS TO YOU!

Do what you like and get paid for it

Higher pay potential, great benefits, more perks and respect

Get help paying for college

Know what you're doing after high school

MEPP IS OPEN TO ALL STUDENTS

Full-time work after high school (eligible for help paying for college tuition)

A summer job

Part-time work while in high school

Part-time work while in college

Opportunities related to manufacturing, engineering or business

A skilled trades career/apprenticeship

Real work experience before college

A good paying job with excellent benefits while you figure out what you want to do

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