



P²

PCSC Pathways



PCSC partnering with Marshall County industry & business to create an amazing community for individuals and families to thrive, work and grow.

Outcome 1: Determine 5-10 year job forecast/demand

Outcome 2: Identify skills gap in each sector

Outcome 3: Build career awareness and interest in 5th through 8th grades. Identify flexible career pathway in 8th grade.

Outcome 4: All students will participate in college and career conversations in 8th through 12th grades to coach students in their pursuit of a pathway and to provide on and off ramps to other career pathways.

Outcome 5: Connect college and the local workforce with students via the PHS Go Center, WorkOne, Made in Marshall County, industry visits, and college visits.

Outcome 6: Designed focused job shadowing opportunities for students in grade 10 and 11. Design focused work based learning opportunities for students in grade 12.

Outcome 7: Design focused parent engagement opportunities in grades 8-12 as student career pathway plans are created. Parent engagement will include participation in college and career conversations and education opportunities on industry and college.

Outcome 8: Align identified workforce skills with academic curriculum. In addition to Core 40 curriculum, learners will demonstrate mastery (competence/knowledge/awareness) in the following areas:

- Workplace Communication
- Problem Solving & Creativity
- Leadership & Teamwork
- Digital & Quantitative Skills

As a result of these outcomes we have designed two local pathways to support workforce needs in the manufacturing industry. **Please NOTE these plans are a DRAFT as we work with the state to approve these local pathways.**

Advanced Manufacturing Pathway 1: CNC/Maintenance	
School Engagement	Workforce Engagement
Grade 8 - Preparing for College & Careers, Intro to Engineering -or- Intro to Agriculture	CTE program information and visits, college visit
Grades 9/10 - Intro to Manufacturing, Agriculture Power Structure and Technology,	Manufacturing Site Visits, Made in Marshall County, Job Shadowing opportunities
Grade 11 - Precision Machining I-or- Welding I	Workforce connection through CTE program, Job Shadowing opportunities
Grade 12 - Precision Machining II-or- Welding II, Industry Certifications	Work Based Learning opportunities
Post high school - Additional training and certification opportunities	Placement at worksite

Advanced Manufacturing Pathway 2: Precision Machining (PM)/Programmable Logic Controllers(PLC)/Technical Advanced Manufacturing	
School Engagement	Workforce Engagement
Grade 8 - Preparing for College & Careers, Intro to Engineering -or- Intro to Agriculture	CTE program information and visits, college visit
Grades 9/10 - Intro to Manufacturing, Agriculture Power Structure and Technology, Intro to Advanced Manufacturing and Logistics, Computer Science 1 and 2	Manufacturing Site Visits, Made in Marshall County, Job Shadowing opportunities
Grade 11 - Precision Machining I-or- Automation and Robotics I	Workforce connection through CTE program, Job Shadowing opportunities
Grade 12 - Precision Machining II-or- Automation and Robotics II, Industry Certifications	Work Based Learning opportunities
Post high school - Additional training and certification opportunities, Associates degree in Applied Science, Bachelor's degree	Placement at worksite