

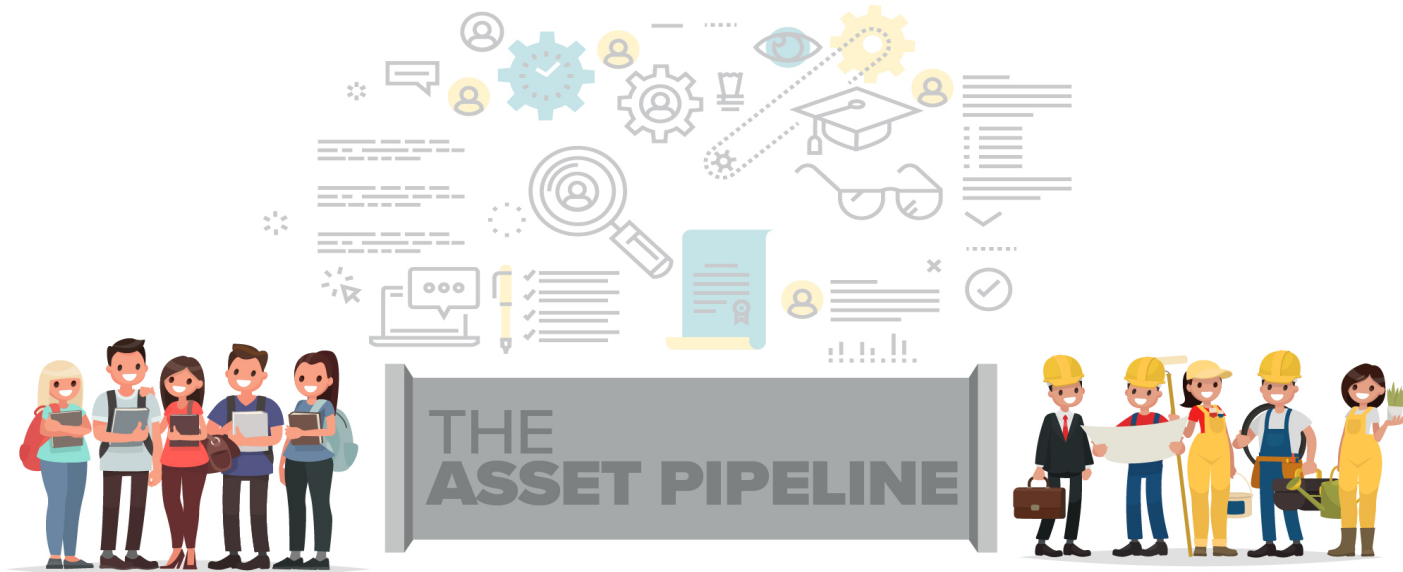


THE ASSET PIPELINE



Human Futures

presented by: C.D. Linton



U.S. Manufacturing

U.S. manufacturing is the world's largest manufacturing economy and **produces 18.2% of global manufactured products**. China is second with 17.6%.

Nationally, **manufacturing employment increased 1.9%** from 2010 - that means more opportunity and **more jobs**.

Nearly **12 million Americans** are employed in manufacturing, 9% of the U.S. workforce.

The average manufacturing worker in the U.S. earns **\$77,506** annually.

Manufacturing In West Virginia

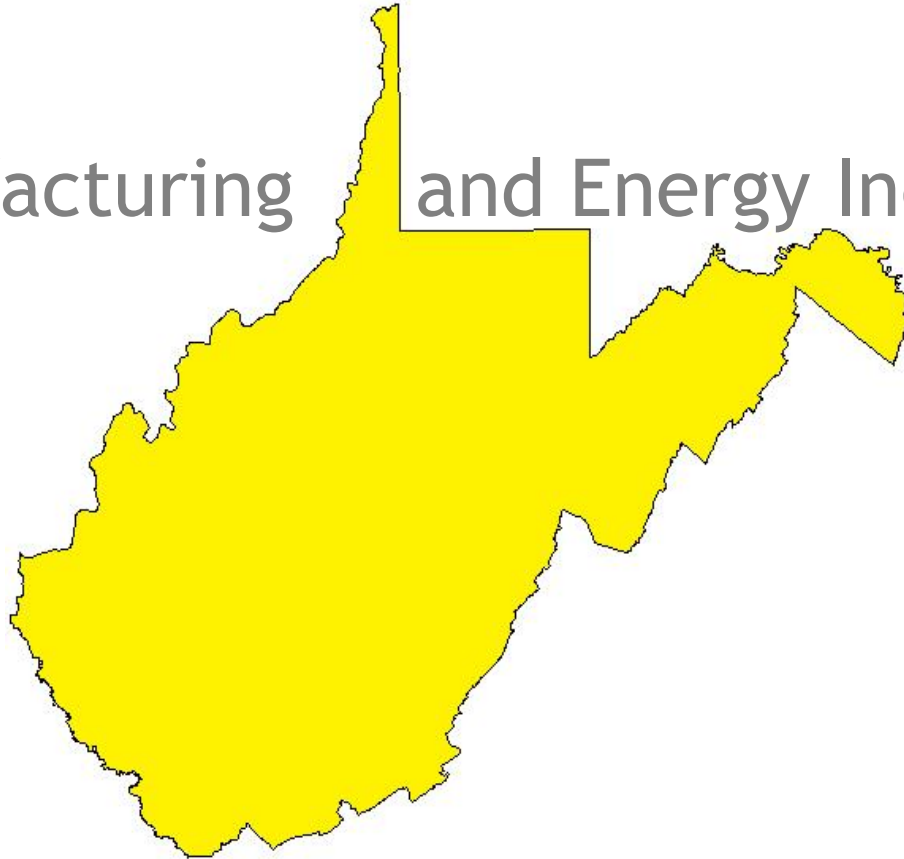
West Virginia manufacturers employ approximately **50,000 workers** and contribute **\$7.5 billion** to the state.

The annual wage of a **manufacturing employee** in West Virginia is approximately **\$65,000**.

West Virginia has more than **1,100 manufacturing companies** in the state.

High-demand, well-paying jobs

Manufacturing and Energy Industries



right here. right now.

S U C C E S S

IN THE NEW ECONOMY

HOW PROSPECTIVE COLLEGE STUDENTS CAN GAIN A COMPETITIVE ADVANTAGE

CAREER TECHNICAL

CitrusCollege

CONTINUING EDUCATION

REDEFINING SUCCESS

Misalignment Between Education & Workforce

- Only 25% of students who pursue a bachelor's degree will graduate from college.
- The percentage of students who do graduate college often fall into “gray collar” jobs that do not match their educational skillsets.
- CTE's and simulated workplaces allow you to specialize in specific skillsets that correctly fit you into the job that's right for you.
- More education does not always equal more money.

The formation of **partnerships** between public secondary schools and community and technical colleges which establish advanced career education programs would ensure that a full range of community and technical college programs and services are provided in all areas of the state;

Programs which create clear and efficient pathways that begin in **high school** and lead to obtaining advanced certifications and associate degrees will increase the number of students that ultimately obtain a post-secondary credential or degree; and

WV Legislation / Senate Bill 284

- [§18-2-6](#). Classification and standardization of schools; standards for degrees and diplomas; certificates of proficiency; establishment of alternative education programs.
- [§18-2E-11](#). Advanced Career Education (ACE).

Preparing West Virginia students to achieve post-secondary career education and to excel in the workforce is a responsibility shared amongst all state education agencies and institutions. The state's education agencies and institutions can fulfill this responsibility by establishing partnerships that enable students to attain advanced career education and valuable **workforce skills** in a more efficient and advantageous manner;

The “Jumpstart” Program



Partnership



The Jumpstart program is a dual credit program that Berkeley County Schools offers in conjunction with Blue Ridge Community and Technical College. This program enables high schools students to participate in hands-on college courses while in high school that count towards an associate degree.

The Jumpstart program offers six degree pathways including: applied laboratory technician, business administration, education, health care professionals, electric distribution engineering technology, and cybersecurity.

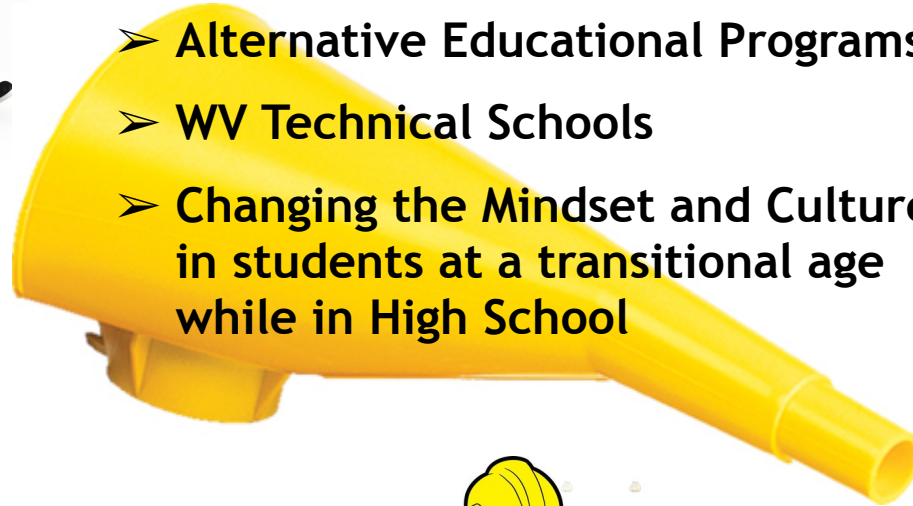
West Virginia's economic prosperity is directly tied to the level and quality of its workforce career education.

Providing the students of this state with increased access to career education will not only improve the general well-being of its citizens, but greatly enhance the economic prosperity of the state.

The “Skilled Trades Funnel”



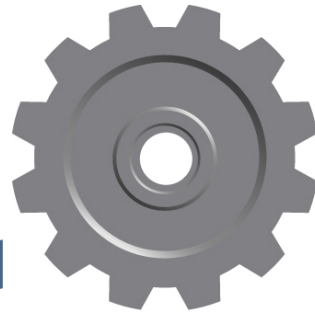
- Senate Bill 284 (2019??)
- Alternative Educational Programs
- WV Technical Schools
- Changing the Mindset and Cultures in students at a transitional age while in High School



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Ratio



explore



the new manufacturing

a program of the **WVMA Educational Fund**

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West Virginia Manufacturers Association Educational Fund (WVMAEF)

- Aims to educate students about the manufacturing industry, including careers in West Virginia through partnerships, presentations and other activities.

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a program of the WVMA Educational Fund

Why Education Matters

- 90% of the fastest growing jobs require education beyond high school
- There is a simulated workplace in every county
- There are 9 Career & Technical Colleges and 27 Campuses in WV

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Industry Partners

- Eagle Manufacturing
- Armstrong World Industries
- Toyota Motor Manufacturing
- Chemical Alliance Zone
- MATRIC
- Manpower
- E&H Manufacturing
- Charles Ryan Associates
- Argos
- Ashland
- Chemours
- Covestro
- Dow
- Ergon
- Kureha
- NGK
- Resolute Forest

Education Partners

- The Education Alliance
- Putnam County Career & Technical Center
- West Virginia Department of Education
- Catalyst Connection
- Robert C. Byrd Institute of Technology
- BridgeValley Career & Technical Center
- Carver Career Center
- James Rumsey Technical Institute



TECHNICAL INSTRUCTION



PAID ON-THE-JOB TRAINING



NATIONAL CERTIFICATION/
ASSOCIATE DEGREE



EMPLOYMENT



APPRENTICESHIP IN MOTION →

APPRENTICESHIP IN MOTION



West Virginia

