



## Western Maryland Works Training Center and Makerspace

### FACILITY

- 33,000-square foot adaptive space purchased by Allegany County in 2018, former site of Economy Wholesale Co. Warehouse.
- Original MOU signed between Allegany County and Allegany College of Maryland in 2020. Revised MOU signed in June 2021.
- ACM began offering training at site January 2020
- ACM has invested more than \$164,000 in renovations and office furnishings and additional equipment valued at over \$290,000 since moving into the building in January 2020.
- Dedicated state-of-the-art labs and shops to support both workforce development training with industry recognized credentials and community makerspace needs. Labs include the following areas: Welding & Metal Fabrication, Subtractive Manufacturing & Machining, Additive Manufacturing & 3D Printing, CAD/CAM, Digital Design & Fabrication, Industrial Maintenance Technology, Robotics & Automation, Woodworking & Carpentry, Forklift & Rigging.
- Within the facility, multiple reconfigurable classrooms, conference, and administrative office space has been developed to support training, makerspace, and community needs.
- State-of-the-art technology and equipment:
  - Academia 50 3D Scanner
  - Axiom Elite CNC Router
  - Forest CNC HS Series CNC Plasma 4X8
  - Forest Scientific Fab Bot CNC
  - Roland BT12 Garment Printer, Roland LEF-200 UV Printer, Roland SG2-300 Printer
  - Robotics arm and I-Pendants
  - Stratasys J55 PolyJet and F370 FDM 3D Printers
  - Ultimaker 3D Printer
  - Dremmel Digilabs (2)
  - Creality 3D Printer
  - Universal Laser Cutter/Engraver
  - 14 Welding Bays with Miller SMAW and MIG/TIG Welders
  - Powermatic 2244 Drum Sander
  - Powermatic 60C 8' Jointer
  - Rikon 14" Deluxe Bandsaw with Fence
  - 16-1/2" floor Drill Press ¾ HP 16 speed
  - Sawstop 3HP, 1HP 230V-52" T Glide Fence
  - Grizzly G1071 Oscillating spindle Sander
  - Powermatic 209HH-1 20" Planer
  - Powermatic 4224 Wood Lathe
  - TRAK DPM RX2 Bed Mill
  - TRAK TRL 1630 RX Toolroom Lathe

### COMMUNITY IMPACT

- Serves more than 10 rural and underserved communities in Maryland, West Virginia, and Pennsylvania.
- Aids in the creation and retention of high-quality jobs.

- Expands training and course availability for individuals seeking workforce development training:
  - To date, 150+ participants have received training at Western Maryland Works through ACM and have earned nearly 1000 credentials since 2020.
  - Training programs offered through ACM's Career and Employer Solutions program continue to have waitlists.
  - 100 individuals are expected to annually participate in trainings and courses, in post-COVID-19 times.
- Beginning with the fall 2022 semester, offering a two-year Associate of Applied Science degree in Engineering - Automated Manufacturing Technology
- Augments class offerings for community members of all ages:
  - Plans for future STEM-focused kids camps.
  - Partnership with Allegany County Public Schools to provide 39 credits toward AAS Engineering Manufacturing Technology for CTE juniors and seniors. Classes will be held at Western Maryland Works.
  - Working with DNR to develop Workforce training in Woodworking Field.
  - Continuing Education classes for community members interested in building skills and accessing available resources.
  - Plans to expand welding certifications to include pipe welding.
  - Makerspace now open to the public with memberships available.
  - Expanding partnerships with additional manufacturers as well as the trades including the Ironworkers Local 568, IBEW Local 307, and Plumbers and Steamfitters Local 489 to offer high quality workforce development trainings.
  - Plans to work with Open Works Makerspace to help spur creative entrepreneurship in other areas of Maryland.

#### VERSO RETRAINING PROGRAM

- Nearly 70 dislocated workers elected to enroll in ACM's Career and Employer Solutions program's industrial maintenance, machining, and welding classes at Western Maryland Works through the Center for Continuing Education and Workforce Development.
- ACM staff were instrumental in helping those students, from assisting participants as they navigated their state's dislocated worker programs to arranging per diem for participants traveling two to three hours daily to Western Maryland Works on top of their 30-40 hour/week training schedule.
- Following the March shutdown in 2020, programs reopened in June 2020 with strict COVID protocols in place, and multiple shifts. ACM proceeded to lead the country in the number of participants go through the NIMS skills credentialing process.
- All VERSO training has been completed with nearly all participants accepted positions with local employers.

#### QUOTE

*"We're grateful to be part of the many partnerships that make Western Maryland Works possible. When we were approached by the County to provide educational services at the site, it was clear that this would be an incredible undertaking. To us, the Western Maryland Works Training Center and Makerspace expands opportunities for our community through the power of education. It was there for our community in one of its most challenging times: the closing of the Verso Luke Mill. I'm proud of the hard work of our ACM staff who've supported these workers and embraced the transition of this facility. They're helping to rebuild and improve lives by providing trainings for in-demand skills which strengthens our community."* – Dr. Cynthia Bambara, ACM President