



Career Development / Licensure & Certification

SERVICE PROFESSIONS



Cosmetology

1500-Hour Licensed Cosmetology Training Program

Course Cost: \$18,000
(Scholarships available)

**Now Accepting Interest
For June 2027**

Nail Technician Program

**Now Accepting
Interest for
Spring 2027 Session**

For more information contact:
Allissa Beeman, Program Coordinator
Email: atomlinson@allegany.edu
Phone: 301-784-5340

Career Development / Licensure & Certification

COSMETOLOGY

Beyond Beauty: Ethics in Cosmetology and Salon Management (COS100)

Gain practical insights into workplace ethics, ethical decision making, and navigating common ethical challenges encountered in salon settings. **This course is approved as a required topic for licensed Cosmetologist and Nail Technicians.**

Note: Please notify registration if taking the course in-person or online.

9/24, Thursday (1 session)

OR

10/29, Thursday (1 session)

12-2PM

ACM: CE Bldg.

Instructor: Jessica Hardy

Course Cost: \$39

Maryland Senior Course Cost: \$34

Business Building: Attracting and Retaining Clients (COS101)

This interactive course is designed for those who want to elevate their service delivery, enhance client retention and meet income goals. **This course is approved as an elective topic for licensed Cosmetologist.** **Note: Please notify registration if taking the course in-person or online.**

9/28, Monday (1 session)

OR

10/19, Monday (1 session)

10AM-12PM

ACM: CE Bldg.

Instructor: Jessica Hardy

Course Cost: \$39

Maryland Senior Course Cost: \$34

Building Expertise in Product Knowledge and Best Practices (COS102)

Learn the connection between understanding your products and tailoring recommendations to meet each guest's unique needs. **This course is approved as an elective topic for licensed Cosmetologist.** **Note: Please notify registration if taking the course in-person or online.**

9/28, Monday (1 session)

OR

10/19, Monday (1 session)

1-3PM

ACM: CE Bldg.

Instructor: Jessica Hardy

Course Cost: \$39

Maryland Senior Course Cost: \$34

Sanitation & Infection Control for the Beauty Industry (COS103)

Learn how to maintain a safe, clean environment and comply with health regulations to protect both clients and professionals. **This course is approved as a required topic for licensed Cosmetologist and Nail Technicians.** **Note: Please notify registration if taking the course in-person or online.**

9/10, Thursday (1 session)

OR

10/15, Thursday (1 session)

12-2PM

ACM: CE Bldg.

Instructor: Jessica Hardy

Course Cost: \$39

Maryland Senior Course Cost: \$34

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Design with Purpose: Nail Art (COS104)

Unlock your creativity and take your nail artistry to the next level! Expand on design skills and wow clients with original, professional-grade nail art! **This course is approved as an elective topic for licensed Cosmetologist and Nail Technicians.** *Note: Please notify registration if taking the course in-person or online.*



10/7, Wednesday (1 session)
1:30-3:30PM
ACM: CE Bldg.
Instructor: Skylea Metz
Course Cost: \$39
Maryland Senior Course Cost: \$34

Building Your Nail Brand: Business & Marketing for Nail Technicians (COS105)

Whether you're planning to launch a salon, rent a suite, or grow your client base, this course will give you the branding and marketing knowledge to thrive. **This course is approved as an elective topic for licensed Nail Technicians.** *Note: Please notify registration if taking the course in-person or online.*



10/7, Wednesday (1 session)
10AM-12PM
ACM: CE Bldg.
Instructor: Candace Gattens
Course Cost: \$39
Maryland Senior Course Cost: \$34



The State Legislature requires Licensees to complete six hours of approved continuing education as a condition of license renewal. The effective date for licensees to come into compliance will be January 1, 2026. Two of the continuing education hours must be on topics related to health, safety, welfare, or Board laws and regulations.

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SERVSAFE

ServSafe Food Handler Certification (PRO172)

Created by the National Restaurant Association, ServSafe teaches restaurant and hospitality staff collectively to implement essential food safety practices and create a culture

of food safety. The curriculum blends the latest Food and Drug Administration (FDA) Food Code guidelines, food safety research, and actual job tasks identified by foodservice industry experts. ServSafe certification is recognized

by virtually all state and local health departments across the United States.

Because it is based on the FDA Food Code and accredited by the ANSI National Accreditation Board (ANAB) and the Conference for Food Protection (CFP), it meets regulatory requirements nationwide. Every

state and county health department (including the Maryland Department of Health and local authorities) accepts ServSafe as proof of food safety training and management compliance. Course costs includes all instructional materials and the certification exam. ServSafe Food Handler certification is valid for three (3) years.

Instructor: Jenna Burkett

Course Cost: \$269

Maryland Senior Course Cost: \$264



For more information about scheduling a ServSafe course and the availability of scholarships, please call David Smarik, at 301-784-5077 or email dsmarik@allegany.edu.

Career Development / Licensure & Certification

CHILD CARE TRAINING

Classes are all **ONLINE** and available year-round- please call Christa Snyder 301-784-5530 or casnyder@allegany.edu for the complete schedule.

Child Care Certification Preparation & Professional Development

ACM's Division of Continuing Education & Workforce Development early childhood education and child care college programs are continually revised and updated to address new state requirements. Courses also meet annual continued training for child care teachers, directors, and family providers as required by MSDE

Flexible online classes use Canvas. Students will receive an email from prior to before the class start date. This email contains instructions for creating a login and password to use with Canvas. Coursework begins on the class start date.

FALL 2026 (September - December 2026)

Online Child Care classes

OPEN for seat sharing

FALL 2026 (September - December 2026)	Hours	Start	End
Child Growth & Dev.	45	9/4/2026	10/23/2026
Child Growth & Dev.	45	10/9/2026	12/4/2026
Infant & Toddler Care	45	9/7/2026	10/26/2026
Infant & Toddler Care	45	10/5/2026	11/23/2026
Preschool Curric & Activities	45	9/7/2026	10/26/2026
Preschool Curric & Activities	45	10/5/2026	11/23/2026
School Age Child Care: Curric.	45	9/9/2026	10/28/2026
School Age Child Care: Curric.	45	10/7/2026	12/2/2026
Child Care Administration	45	10/8/2026	12/3/2026
Communication Skills	9	10/26/2026	11/9/2026
Family Child Care Preservice	24*	8/24/2026	12/11/2026
Observation and Assessment Birth-12	3*	8/24/2026	12/11/2026
Supervising Children in Child Care	3*	8/24/2026	12/11/2026
Positive Child Guidance & Discipline	3*	8/24/2026	12/11/2026

Career Development / Licensure & Certification

FALL 2026 (September - December 2026)	Hours	Start	End
Developmentally Appropriate Practice	3*	8/24/2026	12/11/2026
Resources that Guide Daily Planning	3*	8/24/2026	12/11/2026
Taking Learning Outside	3*	8/24/2026	12/11/2026
Nutrition & Active Living	3*	8/24/2026	12/11/2026
Playground Safety	3*	8/24/2026	12/11/2026
Including All Children and the ADA	3*	8/24/2026	12/11/2026
Supporting Children with Disabilities	3*	8/24/2026	12/11/2026
Intro to Environmental Rating Scales	3*	8/24/2026	12/11/2026
The Child Care Provider as a Professional	3*	8/24/2026	12/11/2026
Conflict Resolution Strategies	3*	8/24/2026	12/11/2026
Cultural Competence & Awareness	3*	8/24/2026	12/11/2026
Family & Community Partnerships	3*	8/24/2026	12/11/2026
SIDS	2*	8/24/2026	12/11/2026
Supporting Breastfeeding in Child Care	3*	8/24/2026	12/11/2026
Basic Health and Safety Training	5*	8/24/2026	12/11/2026
Pyramid Model for Social and Emotional Competence- Preschool	18	9/28/2026	11/2/2026
CDA Capstone: Portfolio, Application & Exam Prep	22	9/29/2026	11/24/2026
Other Occupations:			
Dispensary Tech I	30	9/7/2026	10/26/2026
Dispensary Tech II	30	11/2/2026	12/21/2026

Open entry classes are indicated with an asterik (*)

Students may join these classes any time between the first-class date and the "close registration" date.

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Credential Boosters

These classes are designed to help you get your program aligned with Maryland EXCELS and to help you reach higher Maryland Child Care Credential levels. Credential Boosters are classes that are identified by Maryland State Department of Education (MSDE) in the staff credential modifications for levels 2, 3, and 4.

- You can complete online Credential Boosters at your own pace, with instructor guidance; courses are 2, 3, or 5 hours.
- Course hours are listed in the course descriptions below.
- You will need access to a computer, the internet, and email to take an online Credential Boosters course.
- No refunds. No assignment deadline extensions.

For complete list of credential booster classes, please contact Christa Snyder at 301-784-5530 or casnyder@allegany.edu.

General guidelines for online classes: You will need access to a computer, the internet and Email to take these courses; sufficient computer skills are required, including using a word processing program to write and save your work on your computer. Provide your email address with your registration so we can send you log in instructions. Online classes fill up quickly, so please register early!

DEADLINE TO REGISTER – 2 weeks prior to start of each class.

REGISTRATION INFORMATION

45 Hour Course Cost: \$250

24 Hour Course Cost: \$250

22 Hour Course Cost \$230

18 Hour Course Cost \$175

9 Hour Course Cost: \$110

5 Hour Course Cost: \$80

3 Hour Course Cost: \$55

2 Hour Course Cost: \$55

2 Hour Course Cost: \$55

Career Development / Licensure & Certification

Introduction to Equine and Stable Management (PRO394)

This course introduces the principles and practices of equine care, horse handling, and stable management. Designed for students interested in careers in the equine industry or veterinary science, the course combines classroom instruction with hands-on experience in a working farm environment.

Students will develop skills in safe horse handling, daily feeding and stable management, basic hoof care, tack and equipment maintenance, and pasture and facility management. The course also emphasizes equine health and welfare, including recognizing common signs of illness or injury, evaluating overall horse condition, understanding nutritional requirements, and determining when veterinary care is needed. In addition, students will explore career pathways within the equine industry and gain practical knowledge essential for responsible horse care and stable operations.



Classroom instruction will be held in the Continuing Education Building for one hour on Mondays. Students will also participate in hands-on instruction at the Therapeutic Riding Center of Western Maryland for two hours, twice per week, on Wednesdays and Fridays gaining practical experience in a working equine environment.

9/21-11/13, MWF (24 sessions)

Mondays, 9-10AM; CE Bldg

W/F, 9-11AM; Riding Center

Instructor: Mariah Greene

Course Cost: \$500

Maryland Senior Course Cost: \$490

Limited scholarships available to Allegany County residents! (3 or more years of residency).



LIKE us on Facebook!

Search ***ACM Continuing Ed & Workforce Development*** and stay up to date with all our latest courses and events!

Career Development / Licensure & Certification

SECURITY GUARD TRAINING

Security Guard Training- Entrance Level (PRO400)

As of January 1, 2025, Security Guards in Maryland are required to be certified according to the state's legal requirements and MD Business Occupations and Professions Code § 19-412 (2024). While training has always been in place, training approved by Maryland Police Training and Standards Commission is now a requirement to apply



for the mandated Security Guard certification. This training is for Security Guards currently employed or individuals seeking employment by Maryland Security Guard Agencies or Employers and does not include certification for chemical agents, handcuffing, or firearm techniques.

This initial training is required for Maryland Security Guard Certification and is valid for three years. In service classes will be available and are required to renew the certification. Additional courses to complement certification are available such as CPR and First Aid. Please contact at asaweikis2@allegany.edu or 301-784-5069 with questions.

This initial training is 12 hours total classroom time, 6 hours each day. All course materials are included in the cost.

Training includes:

- relevant criminal law
- the appropriate use of force
- the use of alternatives to force
- the use of de-escalation techniques
- promoting appropriate interactions with individuals who are under 18 years of age; have behavioral health or other disabilities; or are in crisis.

Career Development / Licensure & Certification

Anyone who wishes to be certified as a Security Guard in Maryland, must meet, and maintain the following qualifications:

- be at least 18 years old
- meet the standards set by the Secretary
- be a current employee of or an applicant for employment with a licensed security guard agency or a security guard employer
- be of good moral character and reputation
- has not been convicted of a disqualifying crime, under § 5–101 of the Public Safety Article
- has not been convicted of a crime of violence, under § 14–101 of the Criminal Law Article
- if currently or formerly employed as a police officer, the individual has had any formal findings by a court, hearing board, or other governmental entity of unlawful or excessive use of force or of making a false statement during the individual's employment with the law enforcement agency has satisfactorily completed 12 hours of initial security training that is approved by the Maryland Police Training and Standards Commission or has been employed as a police officer in the 3 years immediately preceding the application

9/8 & 9/9, Tues & Wed (2 sessions)

or

10/6 & 10/7, Tues & Wed (2 sessions)

or

11/10 & 11/11, Tues & Wed (2 sessions)

or

12/8 & 12/9, Tues & Wed (2 sessions)

8:30AM-3:30PM

ACM: WCI Building

Instructor: SPO Sgt Sarah Todd, Authorized Security Guard Training Provider by Maryland Police and Correctional Training Commissions

Course Cost: \$255

Maryland Senior Course Cost: \$235

Limited Scholarships available to Allegany County residents! (3 or more years residency)

Career Development / Licensure & Certification

DRONE

Drone Pilot Training (VTE926)

Drone Pilot Training is an 8-week course that will provide students with the skills and knowledge needed to safely and legally operate a Small Unmanned Aerial System (sUAS) commonly referred to as a drone. Further, it will provide you with the necessary information required to pass the initial Federal Aviation Administration (FAA) Aeronautical Knowledge Examination and obtain an FAA sUAS Pilot's



certificate. Hands-on flying will enhance your knowledge by giving you the experience of flying a rotary-winged sUAS, which will be furnished for your use while participating in this course. This course focuses on the rules and regulations regarding the operation of the Unmanned Aerial Vehicles (UAVs) operating in the National Airspace under 14 C.F.R Part 107. You will learn the responsibilities of being a Remote Pilot in Command and using the methodology of Crew Resource Management, Aeronautical Decision Making, and Risk Management to conduct safe sUAS flight operations. This course also provides the students with classes on weather reports, basic aerodynamics, airspace use, reading aeronautical charts, airport operations, maintenance, emergency procedures, Certificate of Authorization and other pertinent information regarding the safe flight and operation of small unmanned aircraft. The course will include equal time in classroom as well as flying time outdoors and is open to anyone, regardless of skill level and recreational or commercial sUAS Piloting interest.

9/15-11/5, Tues & Thurs (16 sessions)

5-7PM

ACM: CE Building

Instructor: Dr. Michael Knapp

Course Cost: \$595

Maryland Senior Course Cost: \$585

\$300 scholarships available to Allegany County Residents (3 or more year residency)

Career Development / Licensure & Certification

COMMERCIAL MOTOR VEHICLE (CMV) TRAINING

Allegany College of Maryland (ACM) has partnered with Garrett College to provide Commercial Motor Vehicle (CMV) training in our region. The registered Entry-Level Driver Training (ELDT) curriculum prepares students for commercial driving through topics like pre-trip inspection, yard skills, and over-the-road training, map reading, and log books. Successful completion ELDT leads to Department of Transportation (DOT) certification through the Federal Motor Carrier Safety Administration (FMCSA) and obtaining a Commercial Driver License (CDL). Training for CDL-A (combination vehicles like tractor-trailers) is 210-hours (or 30 days) and CDL-B (heavy straight vehicles like large buses or box trucks) is 49-hours (or 6 days). ELDT will take place at Garrett College's Mountaintop Truck Driving Institute (MTDI), located in Grantsville Maryland. For upcoming schedules at MTDI, please visit Garrett College's webpage at www.garrettcollege.edu.

Prior to admittance in ELDT program, students must meet the following requirements.

- Must participate in an orientation and information session at Garrett College's MTDI.
- Must possess a valid (nonprovisional) driver's license.
- Must be 18 years of age to drive CMV within Maryland (intrastate only) or be at least 21 years old to drive CMV across state lines (interstate), or transport hazardous materials, or transport passengers.
- Must pass a U.S. Department of Transportation (DOT) physical examination which cannot expire during the ELDT period.
- Must pass a drug screening exam which must be less than sixty (60) days old and cannot expire during ELDT period.
- Must obtain a Commercial Learner's Permit (CLP) through the MDOT Motor Vehicle Administration (MVA) by passing the required CMV knowledge exam for the class of vehicle (CDL-A or CDL-B) seeking ELDT. Must pass any optional CMV endorsement knowledge exams (passenger (P), school bus (S), or hazardous (H) and have added to your CLP prior to EDLT.
- Must be able to communicate in the English language sufficiently, as required by the DOT.
- Must have a High School Diploma or equivalent.
- Must take the Tests of Adult Basic Education (TABE) standardized diagnostic assessment.
- Must maintain a 75% average on quizzes and tests in each class and meet attendance requirements to progress to the next course.

For more information about the Commercial Motor Vehicle (CMV) training partnership with Garrett College and the availability of scholarships, please call David Smarik, at 301-784-5077 or email dsmarik@allegany.edu.

Career Development / Licensure & Certification

Flagger Certification (PRO724)

The flagger's role is to protect project personnel and provide safe, courteous, and authoritative directions to traffic seeking passage through the work area. To work as a flagger in Maryland, you must complete a state-approved flagger training course. This course will teach students standard flagger control references, proper flagging signals procedures, and standard flagger practices for various situations. Upon successful completion of the course, students will receive an American Traffic Safety Services Association (ATSSA) Flagger Certification card. The Maryland Department of Transportation State

Highway Administration (MDOT SHA) mandates that all flaggers carry an active, serial-numbered certification card issued by the ATSSA. The ATSSA Flagger Certification is valid for four (4) years and must be renewed prior to expiration.

For more information about scheduling flagger certification and the availability of scholarships, please call David Smarik at 301-784-5077 or email dsmarik@allegany.edu.

Instructor: Joe Farris

Course Cost: \$85

Maryland Senior Course Cost: \$80

The following course is offered in cooperation with the
Maryland Center for Environmental Training



The Maryland Center for Environmental Training (MCET) offers training at sites throughout Maryland. Training is approved by the State of Maryland for water and wastewater operator certification

renewal. MCET also provides on-site technical assistance to Maryland's communities and businesses. We help them implement operational and financial strategies to ensure that water and wastewater treatment facilities fully comply with stringent provisions of the Safe Drinking Water Act and the Clean Water Act.

Need additional course information? Call 301-934-7507

Membrane and Fluoridation Technologies (PRO308)

Membrane filtration and fluoridation technologies will be explored in this one-day course. Discussion will include an up-close look at the membrane filtration treatment methods. Membrane processes and parameters will be introduced followed by operational and maintenance techniques. The uses of membrane filters to remove fluoride will be discussed in depth. Participants will review fluoride applications and the evaluation methods used for determining performance. The

operator will also review safe handling techniques of fluoride and review how to properly store this treatment agent. Actual facilities will be topics of classroom discussion and demonstrations. *TRE 4072-07-07: All Operators - Process*

9/16, Wednesday (1 session)

8AM-4PM

ACM: CE Building

Instructor: TBD

Course Cost: \$149

Maryland Senior Course Cost: \$149

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PEST MANAGEMENT ONLINE

In Partnership with Cecil College

Launch a career in the growing pest management industry with this comprehensive **16-week online training program**. Combining virtual classroom instruction with a valuable hands-on externship experience, this course provides the knowledge and skills needed to succeed in the field.

Topics include industry regulations and safety practices, entomology and insect identification, pesticide use and application, pest management techniques, customer service, route management, and more. Students will also complete a 40-hour externship, gaining practical, real-world experience alongside industry professionals.

Whether you are looking to enter the workforce, change careers, or expand your professional skills, this program offers a strong foundation for success in the pest management industry.

For more information, contact:

Shea Bonarigo at 301-784-5279 or sbonarigo@allegany.edu

Principles of Real Estate for Sales Agents (Pre-Licensure) (PRO161)

This course provides pre-licensure instruction in the principles and practices of real estate as required by the Maryland Real Estate Commission and COMAR regulations. Topics covered in the course are: Principles of real property; Landlord-tenant relationship; Real estate contracts; Rules of agency and listings; Transfer of title to real property; Title insurance and settlements; Fundamentals of appraising; Real estate finance; Maryland real estate law; Regulations of the Real Estate Commission; Details of the Code of Ethics; Laws and practices covering human rights and community relations; Test application; Instruction and discussion; Basic mathematics pertaining to real estate industry; Property condition disclosure; Law and regulations covering hazardous substances; and an exit exam. **Course materials included are Modern Real Estate Practice and Maryland Real Estate Practice and Law.**

Due to upcoming holiday schedules, week 12 classes will be on Mon and Tues.

9/8-12/17, Tues & Thurs (30 sessions)
(Week 12 classes will be on Mon & Tue)
6-8PM

ACM: CE Bldg

Instructor: Penni Walker

Course Cost: \$375

Maryland Senior Course Cost: \$365

Limited Scholarships available to Allegany County residents! (3 or more years residency)

Career Development / Licensure & Certification

WELDING

Shielded Metal Arc Welding

(VTE711)

This 80-hour course provides participants with a thorough understanding of Shielded Metal Arc Welding (SMAW), including welding safety, AC and DC power sources, electrode classifications/selection, metal preparation, and weldments. Participants will develop the skills needed to produce quality welds in flat, horizontal, vertical-up, and overhead positions (1G, 2G, 3G, 4G) on 3/8-inch mild steel. Instruction includes single and multiple pass welding techniques using mild steel, low-hydrogen, and iron-powder electrodes. Upon successful completion, participants will be prepared for production welding, millwright work, and general maintenance welding applications. To prepare for class, participants need: leather welding gloves, protective eyewear, welding helmet, and welding jacket. A Welding Starter Package is available for purchase and is recommended for those who do not already have the required safety equipment. Participants who already own equivalent gear are not required to purchase the package.

9/14–11/18, Mon & Wed (20 sessions)

5-9PM

Western MD Works – LaVale, MD

Instructor: Gary Taylor

Course Cost: \$1700

Maryland Senior Cost: \$1690

Welding Starter Package: \$275

Shielded Metal Arc Certification

(VTE714)

This 40-hour course is designed for experienced and trained welders preparing for certification testing in the Shielded Metal Arc Welding (SMAW) process. Participants refine skills required for successful certification testing welding 3/8-inch steel plate in 3G & 4G positions.

Training focuses on the vertical-up and overhead welding positions, with ample practice on test plates to prepare for the final certification exam. All certification testing is conducted in accordance with American Welding Society (AWS) specifications and procedures.

11/23–1/6, Mon & Wed (10 Sessions)

No class 12/21 - 12/30

5–9PM

Western MD Works – LaVale, MD

Instructor: Gary Taylor

Course Cost: \$700

Maryland Senior Cost: \$690

Certification Testing Fee: \$400 (includes vertical and overhead tests, certification documentation and ID Card)

Career Development / Licensure & Certification

MIG/TIG Welding (VTE748)

This 40-hour intermediate-level course is designed for welders with basic welding experience. Participants may enroll in this course concurrently with the Shielded Metal Arc Welding (SMAW) course if they wish to develop skills in multiple welding processes. Instruction covers welding safety, Gas Metal Arc Welding (GMAW-MIG), and Gas Tungsten Arc Welding (GTAW-TIG). Topics include metal transfer modes such as short-circuiting, globular, spray arc, and power mode, as well as the effects of various shielding gases on MIG and TIG welding processes. Hands-on training focuses on welding mild steel using edge, corner, lap, and fillet welds in multiple positions. Welding applications are limited to thin, flat materials and do not include thick plate, pipe, or irregularly shaped materials. To prepare for class, participants need: leather welding gloves, protective eyewear, a welding helmet, and a welding jacket. A Welding Starter Package is available for purchase and is recommended for those who do not already have the required safety equipment. Participants who already own equivalent gear are not required to purchase the package.

9/15–10/15, Tues & Thurs (10 sessions)
5–9PM

Western MD Works – LaVale, MD
Instructor: Harry Riggelman
Course Cost: \$1050
Maryland Senior Cost: \$1040
Welding Starter Package: \$275

MIG/TIG Certification (VTE854)

This 40-hour course is designed for experienced and trained welders preparing for certification testing in Gas Metal Arc Welding (GMAW-MIG) and Gas Tungsten Arc Welding (GTAW-TIG) processes. Participants develop and refine skills needed to successfully complete certification testing on 3/8-inch carbon steel plate in the vertical and overhead (3G & 4G) welding positions. Hands-on training includes extensive practice on test plates to prepare for the final certification exam. All certification testing is conducted by a Certified Welding Inspector (CWI) in accordance with American Welding Society (AWS) standards and procedures.

10/20–11/19 (10 sessions)

5–9PM

Western MD Works – LaVale, MD

Instructor: Harry Riggelman

Course Cost: \$600

Maryland Senior Cost: \$590

Certification Testing Fee: \$600 (includes vertical and overhead tests, certification documentation and ID Card)

****For additional information and scholarship opportunities, please contact Daniel Sincell, at 301-784-5126 or email dsincell@allegany.edu.**

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MACHINING

Machining

This course provides training in both Manual machining and Computer Numerical Control (CNC) machine tool technology through extensive hands-on and computer-based instruction. Students will gain practical experience operating a variety of machine tools while developing the foundational skills needed in modern machining environments. The class is designed to prepare students for entry-level employment as Manual and/or CNC machinists, with opportunities for advancement in the field. Instruction is primarily hands-on, with an emphasis on real-world applications, precision, and safety practices used in industry settings. This program is structured around industry-recognized competencies and credentials, focusing on the skills required for successful employment in machining careers. For more information on NIMS please visit <https://www.nims-skills.org>.

Students will have the opportunity to earn up to 14 NIMS (National Institution of Metalworkers Skills) credentials which include:

- NIMS Machining Level 1 Measurement
- Materials & Safety
- Job Planning, Benchwork & Layout
- Drill Press I
- Milling I
- Turning I (Chucking)
- Turning I (Between Center)
- Grinding I
- Metalforming I
- CNC Mill Operations
- CNC Mill Programming, Set up & Operations
- CNC Lathe Operations
- CNC Lathe Programming, Set up & Operations
- Quality Inspection

9/21, Monday, Tuesday, Wednesday

4:30–8:30PM

Western MD Works – LaVale MD

Instructor: Robert Prosser

Course Cost: \$8,395

Maryland Senior Cost: \$8,325

****For additional information and scholarship opportunities, please contact Daniel Sincell, at 301-784-5126 or email dsincell@allegany.edu.**

Career Development / Licensure & Certification

***Employers interested in providing training opportunities for their employees for the following courses may contact
Daniel Sincell at 301-784-5126 or dsincell@allegany.edu

Mill Bootcamp (MTT110)

This 16-hour course prepares students for entry-level work in an industrial machining environment. Instruction is primarily hands-on and focuses on foundational milling operations and machine setup procedures. Topics include tramming the machine head and table and standard milling techniques (surface, side, plunge, conventional, and climb). Students also learn drilling, reaming, and tapping operations, backlash elimination, and establishing machine zero on the X, Y, and Z axes. Emphasis is placed on safe machine operation, precision, accuracy, and developing the core skills required for success in a machining or manufacturing setting.

10/3 & 10/10, Saturday (2 sessions)
8:00AM–12:00PM
Western MD Works – LaVale, MD
Instructor: Robert Prosser
Course Cost: \$255
Maryland Senior Cost: \$245

Lathe Bootcamp (MTT111)

This 16-hour course is designed to prepare students for entry-level work in an industrial machining environment. Instruction is primarily hands-on and focuses on fundamental lathe operations and safe machine practices. Topics include the use of four-jaw chucks, turning between centers, facing, general turning operations, knurling, threading (both left- and right-hand

threads), and parting operations. Students will gain experience in setup, tool selection, and precision machining techniques used in industry settings. Emphasis is placed on accuracy, safety, and the development of core lathe skills needed for machining careers.

10/7 & 10/24, Saturday (2 sessions)
8:00AM–12:00PM
Western MD Works – LaVale, MD
Instructor: Robert Prosser
Course Cost: \$255
Maryland Senior Cost: \$245

CAD for Machining (MTT112)

This course introduces Computer-Aided Design (CAD) principles and application in machining and manufacturing environments. Instruction is primarily hands-on and focuses on developing the skills needed to create accurate, machinist-ready drawings and 3D models. Students will learn to interpret technical prints and translate them into digital models used for machining operations. Topics include sketching, dimensioning, tolerances, part modeling, and preparing designs for manufacturing workflows. Emphasis is placed on design intent, precision, and real-world machining applications.

10/31 & 11/7, Saturday (2 sessions)
8:00AM–12:00PM
Western MD Works – LaVale, MD
Instructor: Robert Prosser
Course Cost: \$225
Maryland Senior Cost: \$215

Career Development / Licensure & Certification

Forklift Certification (VTE400)

This course is designed to provide participants with the knowledge and skills necessary to safely and effectively operate a powered industrial forklift. Training complies with OSHA Powered Industrial Truck Operator Training Standard, 29 CFR 1910.178. Participants will engage in classroom instruction, hands-on practical training, and a final performance evaluation.

Topics include: pre-operation inspections, load handling

techniques, maneuvering and operational skills, applicable regulations, and safe operating practices. Course costs cover certification testing and requisite safety equipment (helmet and vest). Participants who successfully complete the course receive a Certificate of Training and a Wallet Certification Card.



10/24, Saturday (1 session)

8:30–4:30PM

Western MD Works – LaVale, MD

Instructor: TBD

Course Cost: \$255

Maryland Senior Cost: \$250

***Employers interested in providing training opportunities for employees may contact **Daniel Sincell** at **301-784-5126** or **dsincell@allegany.edu** to discuss customized forklift training tailored to their organization's needs, schedule, and workforce goals.

Career Development / Licensure & Certification

Backflow Prevention/Cross Connection Training and Recertification

Cohorts are being formed for the required training and education to those who alter, install or inspect potable or non-potable water supply systems. The class will be held in the fall once a minimum of six participants have enrolled. For more information on being part of the cohort please contact **Daniel Sincell** at **301-784-5126** or **dsincell@allegany.edu**.

OSHA 10 – General Industry (VTE500)

This 15-hour course provides essential safety and health training designed to help workers recognize, prevent, and address workplace hazards (particularly those new to the workforce). The program includes an introduction to OSHA and details worker rights, employer responsibilities, and procedures for filing complaints. The course also addresses common workplace hazards such as slips, trips, falls, electrical hazards, and ergonomic risks. Participants learn proper identification and use of personal protective equipment (PPE), as well as hazard communication standards, including understanding chemical labels and Safety Data Sheets (SDS). The course further emphasizes safe handling of hand and power tools.

Date: TBD

Time: TBD

Western MD Works – LaVale, MD

Instructor: Terrance Steele

Course Cost: \$125

Maryland Senior Cost: \$115

OSHA 10 – Construction (VTE501)

This 15-hour course provides foundational safety and health training for individuals entering the construction industry. Especially valuable for new workers, this course helps identification, avoidance, and prevention of common job site hazards. The program provides an overview of OSHA, including worker rights, employer responsibilities, and procedures for filing safety complaint(s). Key construction-related topics include: Fall Protection, Ladder/Scaffold Safety, Electrical Hazards, and proper use of personal protective equipment (PPE). Participants also learn hazard communication standards - how to read chemical labels and Safety Data Sheets (SDS). Additional instruction is provided on the safe operation of hand and power tools commonly used in construction settings.

Date: TBD

Time: TBD

Western MD Works – LaVale, MD

Instructor: Terrance Steele

Course Cost: \$125

Maryland Senior Cost: \$115

Career Development / Licensure & Certification

OSHA 30 – Construction Industry Outreach Training (VTE502)

This 36-hour comprehensive safety course is designed for supervisors, workers with safety responsibilities, and individuals seeking to advance into supervisory or safety-related roles within the construction industry. The program is intended for those involved in construction, demolition, renovation, and building development of all types. It provides in-depth training focusing on recognition and prevention of hazards, OSHA compliance in support of safer job sites, and stronger safety leadership.

Date: TBD

Time: TBD

Western MD Works – LaVale, MD

Instructor: Terrance Steele

Course Cost: \$225

Maryland Senior Cost: \$205

***Employers interested in providing training opportunities for employees may contact **Daniel Sincell at 301-784-5126** or **dsincell@allegany.edu** to discuss OSHA safety training tailored to their organization's needs, schedule, and workforce goals.

TRADE SCHOLARSHIP OPPORTUNITY!

The Park Place Church Women's Group Trade Scholarship award will be granted once a year in later August to mid-September to an individual who demonstrates financial need and is pursuing a welding or NIMS certification in welding, machining, industrial maintenance, or robotics. Both males and females are eligible to apply. Please note that bootcamps are not eligible for this scholarship.

Park Place Church Women's Group

c/o Shea Bonarigo,

Allegany College of Maryland Center for Continuing Education

12401 Willowbrook Road • Cumberland, MD 21502

THANK YOU, Park Place Church Women's Group

For Providing the Endowed Park Place Church Women's Group Trade Scholarship Fund

Career Development / Licensure & Certification

WESTERN MARYLAND WORKS

at ALLEGANY COLLEGE of MARYLAND

37 Lane Avenue, LaVale, Maryland 21502

Western Maryland Works is designed to give access to equipment and guidance our community may not otherwise have available. Even though the Makerspace is connected to Allegany College of Maryland, we are open to everyone interested in making and learning. There's no pressure to be perfect - just a space to learn, create, and grow at your own pace. Workshops and equipment training can be scheduled through the Makerspace Eventbrite page, where you can view upcoming Workshops, and secure Training opportunities. <https://www.eventbrite.com/d/md--cumberland/western-md-works/>



Once you have learned how to safely operate the equipment and are ready to begin creating your own projects, you can become an active member by purchasing a membership. Active members can reserve the machines they plan to use for independent project work. <https://outlook.office.com/book/WMWMakerspace@allegany.edu/> *While a membership is required to reserve and use equipment independently, you are welcome to attend workshops and training classes without purchasing a membership.

Membership Options:

- Daily Membership: \$10
- Monthly Membership: \$40
- 6-Month Membership: \$200
- 1-Year Membership: \$400



Career Development / Licensure & Certification

Digilab Hours:

Monday–Thursday 2–9PM & Saturday 10AM-6PM

The Digital Fabrication Lab (DigiLab) is a creative space where ideas become reality through digital fabrication technology. Whether you are exploring a new hobby, developing job skills, launching a small business, or creating personalized gifts, the DigiLab provides access to equipment, training, and support to help bring your ideas to life. Active Members may reserve equipment through the Makerspace booking page, allowing makers to schedule time on available machines and tools.

DigiLab Workshops/Training are designed for all skill levels. The DigiLab offers Training on all available equipment with knowledgeable technicians to help you learn file setup, machine operation, and project creation, along with project-based Workshops including golf ball printing, stain glass window clings, portrait print with mat cutting, and other custom creations. Membership is not required.

DigiLab Equipment

- **Roland Large Format Vinyl Printer** - Prints and cuts vinyl for the creation of banners, stickers, decals, custom T-shirt graphics, and window clings.
- **Boss and OMTech Laser Engravers** - Engraves wood and other materials, as well as cutting wood and cast acrylic and includes rotary engraving capabilities for cylindrical items.
- **Bambu and Ultimaker 3D Printers** - Capable of printing with PLA, PETG, and TPU materials for prototypes, models, tools, and custom projects.
- **Roland UV Printer** - Prints directly onto a wide variety of flat materials up to 13" x 30".
- **Roland BT-12 Direct-to-Garment Printer** - Prints directly onto cotton and cotton-blend fabrics with a maximum print area of 8" x 11".
- **Melco Embroidery Machine** - Capable of stitching on a variety of material thicknesses, with up to 16 thread colors in a single design.
- **Mat Cutter** - Creates professional-quality beveled or straight-edge cuts for picture frames, artwork, photographs, posters, and decorative displays.

Career Development / Licensure & Certification

Woodshop Hours:

Monday–Thursday 4–9PM & Saturday 10AM-6PM

The Woodshop is equipped with professional-grade woodworking tools.

Whether you're learning a tool for the first time, need help setting up a project, or want guidance on safe and proper techniques, the knowledgeable technicians are available to assist. The CNC Router and Planer are available to active members by reservation to ensure equipment availability. All other woodshop equipment may be used by active members on a walk-in basis during regular operating hours.

Woodshop Workshops/Training are open and welcome to everyone, whether you've never stepped into a woodshop before or already have experience working with wood. The Woodshop offers Training ranging from introductory woodworking skills such as routing, woodturning, and joinery to project-based Workshops including cutting boards, rolling pins, and other custom wood creations. Membership is not required.

Woodshop Equipment

- **Axion and X-Carve Pro CNC Routers** - Computer-controlled cutting machines used to carve, engrave, and cut precise designs and shapes into wood and other materials.
- **Band Saw** - Used for straight cuts, curved cuts, and cutting irregular shapes in wood.
- **Lathe** - Spins wood while tools shape it into rounded projects such as bowls, pens, and table legs.
- **Table Router** - Used to shape edges, create decorative profiles, and cut grooves or joinery.
- **Table Saw** - Designed for making accurate straight cuts, rip cuts, and crosscuts in wood materials.
- **Drill Press** - Provides precise, consistent holes at controlled depths and angles.
- **Vertical Sander** - Used to smooth edges, surfaces, and contours on wood projects.
- **Spindle Sander** - Designed for smoothing curved edges and inside curves.
- **Drum Sander** - Used to sand large wood panels and boards to a smooth, even thickness and finish.

Career Development / Licensure & Certification

- **Horizontal Belt Sander** - Ideal for flattening surfaces, smoothing edges, and shaping wood components.
- **Planer** - Used to create boards with consistent thickness and smooth surfaces.
- **SawStop Table Saw** - Equipped with advanced safety technology that stops the blade upon contact with skin.
- **Jointer** - Used to flatten and straighten the edges and faces of boards for accurate assembly and joinery.
- **Grizzly Downdraft Sanding Table** - With built-in dust collection designed to improve air quality while sanding.
- **Miter Saw** - Used to make accurate crosscuts and angled cuts for trim work, framing, and woodworking projects.



If you'd like to learn more about the Makerspace, **Will Baxter** and **Sue Hartman** are available to answer your questions and help you get started.

Will: wbaxter12073@allegany.edu • 301-784-5681

Sue: shartman1510@allegany.edu • 301-784-5236