

Program	State/National Affiliation Industry or Assessment Option	Value Added	Specific Test	Schedule / **Prerequisite
Academy of Health Professions	Maryland Board of Nursing National Healthcare Association	Certification Articulated Credits Transcripted Credits	CNA, GNA, CCMA, CPHT,	Senior year program SEM1 MODS 1-2-3 SEM2 MODS 1-2 **CHEMISTRY II
Auto Service Technology	ASE Student Certification – Developed by ASE (Auto Service Excellence) in partnership with Automotive Youth Educational Systems (AYES), National Automotive Technicians Education Foundation (NATEF), and Skills USA	Articulated Credits ASE Certification	Brakes, Maintenance and Light Repair, Electrical/Electronic Systems, Engine Performance Suspension/Steering	SEM2 junior year SEM1 senior year MODS 2-3-4
Biomedical Sciences	Project Lead The Way Stevenson University	Articulated Credits Transcripted Credits	End of course testing	SEM2 junior year SEM1 senior year MODS 2-3 **ALGII / Math & Science each yr
Carpentry	National Center for Construction Education and Research (NCCER) Associated Builders and Contractors (ABC)	Articulated Credits National Registry (NCCER) ABC Apprenticeship	NCCT Academic Core v2 OSHA 10	SEM2 junior year SEM1 senior year MODS 2-3-4
Cisco Networking Academy	Cisco Systems CompTia	Articulated Credits Cisco Certification CompTia A+ Certification	CCENT, CCNA, CompTia A+	SEM2 junior year SEM1 senior year MODS 2-3-4
Collision Repair Technology	ASE Student Certification – Developed by ASE (Auto Service Excellence) in partnership with Automotive Youth Educational Systems (AYES), National Automotive Technicians Education Foundation (NATEF), and Skills USA	Articulated Credits ASE Certification	Non-Structural Analysis and Damage Repair Painting and Refinishing Structural Analysis and Damage Repair	SEM2 junior year SEM1 senior year MODS 2-3-4
Computer Science	College Board – Advanced Placement	Articulated Credits AP Credit	AP – Computer Science A AP – Comp Science Principles	SEM2 junior year SEM1 senior year MODS 2-3 **ALGEBRA II
Cosmetology	Maryland Board of Cosmetology	Maryland Certification	Maryland State Board of Cosmetology Exam	3 semester program SEM2 junior year SEM1 & SEM2 senior year MODS 2-3-4 (Recommended: ANAT & PHYS)
Culinary Arts	American Culinary Federation (ACF)	Certification Articulated Credits ACF Certification	ServSafe® Culinary Arts, Cook Level 2 Retail Commercial Baking	SEM2 junior year SEM1 senior year Professional Cooking MODS 2-3-4 Baking & Pastry MODS 1-2-3
Drafting		Articulated Credits Certification	AutoCAD Certification Test	SEM2 junior year SEM1 senior year MODS 2-3-4
Electrical Construction	National Center for Construction Education and Research (NCCER) Associated Builders and Contractors (ABC)	Articulated Credits National Registry (NCCER) ABC Apprenticeship	NCCT Academic Core v2 OSHA 10	SEM2 junior year SEM1 senior year MODS 2-3-4

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Engineering	Project Lead The Way- Rochester Institute of Technology	Articulated Credits Transcripted Credits	End of course tests	Junior yr MODS 2-3 (spring or fall) Senior yr 3 credits (spring or fall) **ALGII / Math & Science each yr
Heavy Equipment and Truck Technology	ASE Student Certification – Developed by ASE (Auto Service Excellence) in partnership with Automotive Youth Educational Systems (AYES), National Automotive Technicians Education Foundation (NATEF), and Skills USA	Articulated Credits ASE Certification	Brakes Diesel Engines Electrical/Electronic Systems	SEM2 junior year SEM1 senior year MODS 2-3-4
Homeland Security and Emergency Preparedness: Criminal Justice/Law Enforcement	Carroll Community College	Articulated Credits Transcripted Credits	End of Course Testing (Carroll Community College)	SEM2 junior year SEM1 senior year MODS 2-3
HVAC	National Center for Construction Education and Research (NCCER) Associated Builders and Contractors (ABC)	Articulated Credits National Registry (NCCER) ABC Apprenticeship	NCCT Academic Core v2 OSHA 10 EPA Certification	SEM2 junior year SEM1 senior year MODS 2-3-4
Manufacturing and Machine Technologies	National Institute of Metal Working Skills (NIMS)	Articulated Credits NIMS Certification	Measurement, Materials, and Safety, Job Planning, Benchwork and Layout; other tests optional for qualified students	SEM2 junior year SEM1 senior year MODS 2-3-4
Masonry	National Center for Construction Education and Research (NCCER) Associated Builders and Contractors (ABC)	Articulated Credits National Registry (NCCER) ABC Apprenticeship	NCCT Academic Core v2 OSHA 10	SEM2 junior year SEM1 senior year MODS 2-3-4
Print Production	Graphic Arts Education and Research Foundation (GAERF) – PrintED	Articulated Credits PrintEd Certification	Graphic Communications Digital File Preparation/Digital File Output	1 semester program Junior or senior year MODS 2-3-4 **Graphic Comm or H Comm Art
Textiles and Fashion Careers		Articulated Credits		SEM2 junior year SEM1 senior year MODS 2-3-4
Video Production		Articulated Credits		1 semester program Junior or senior year MODS 1-2-3 **Script Writing or Graphic Comm or H Comm Art
Welding Technology	National Center for Construction Education and Research (NCCER) American Welding Society (AWS)	Articulated Credits National Registry (NCCER) AWS Certification	NCCT Academic Core v2 OSHA 10 AWS Welding Certification	SEM2 junior year SEM1 senior year MODS 2-3-4

College credits can be earned through agreements with colleges and post-secondary institutions in most programs:

- Articulated college credits: Students must meet certain criteria in their program and attend those institutions after graduation to be awarded the college credit.
- Transcripted college credits: Students must meet certain criteria in their program. Credits are placed on a transcript from that institution whether student attends there or not. (A registration fee may be involved)