

MASSACHUSETTS STATE ARTICULATION AGREEMENT

BETWEEN

MASSACHUSETTS COMMUNITY COLLEGES AND
MASSACHUSETTS CHAPTER 74 APPROVED SECONDARY
CAREER/VOCATIONAL TECHNICAL PROGRAMS

AUTOMOTIVE TECHNOLOGY

Effective Date: December 5, 2012

MASSACHUSETTS STATE ARTICULATION AGREEMENT

From:
*A Chapter 74 Approved Secondary
Career/Vocational Technical Program*

To:
*Community College Courses**

In this Program:

Automotive Technology

One or more of the following course(s) or equivalent:

Automotive Fundamentals
Basic Auto Systems
Fundamentals of Auto Technology
Fundamentals of Automotive Service
Introduction to Automotive Service
Introduction to Automotive Technology

In accordance with the definition of an articulation agreement found in the Carl D. Perkins Career and Technical Education Improvement Act of 2006, this state level articulation agreement has been established between all Massachusetts Community Colleges and all high schools having Chapter 74 approved secondary career/vocational technical programs in *Automotive Technology* to provide students with a non-duplicative sequence of progressive achievement leading to technical skill proficiency, a credential, a certificate, or a degree linked through this credit transfer agreement

The principles, policies, and guidelines in this transfer agreement shall apply uniformly to all students attempting to transfer credits earned in Massachusetts secondary CVTE programs.

**The specific course a student receives credit for is determined by the community college curriculum.*

SECTION I: ADMISSION CRITERIA AND PROCEDURES APPLY

- 1) Students eligible for credit are subject to the same application and admission requirements as all other students. The graduation requirements will be no different from the graduation requirements for all other students.
- 2) The minimum high school grade point average (GPA) of 2.0 plus an average grade of B (3.0/80% or higher) earned in the course/s that comprise the Massachusetts Chapter 74 approved Secondary Career/Vocational Technical program listed above.
- 3) Massachusetts students who have completed the Chapter 74 approved secondary career/vocational technical program covered by this agreement shall provide evidence (transcript) that he/she earned a 3.0 GPA/80% or higher in the technical courses that will be awarded advanced credit at all 15 Massachusetts Community Colleges.

SECTION II: AWARDING OF CREDIT

- 1) Articulated credits accepted by a community college pursuant to this agreement shall be placed on the student's college transcript prior to the end of the first semester. When possible the posting will be within 60 days of receiving the student's high school transcript but no later than 30 days after the semester add-drop deadline.
- 2) The credit *shall not* be held in escrow or be dependent upon the results of the college placement test results, required prerequisites, etc.
- 3) Student will receive credit regardless of their college major.
- 4) The student will be awarded up to 5 credits or the number of credits (1-5 credits) that will allow the student to move to the next class level without penalty. The intent of this section is to award the student the appropriate number of credits so that he/she will be in sync with the native student who attends the community college and who has completed the introductory class.

SECTION III: SECONDARY SCHOOL ELIGIBILITY FOR ADVANCED CREDIT

The Massachusetts Community Colleges will honor this agreement for two years after the student's date of high school graduation. In cases where a student's graduation exceeds 2 years, the community college will determine eligibility on a case by case basis.

This agreement is contingent upon a high school with Chapter 74 approved programs maintaining:

- 1) Current accreditation by the New England Association of Schools and Colleges; and
- 2) Current approval by the Massachusetts Department of Elementary and Secondary Education pursuant to Massachusetts General Law Chapter 74 and the Vocational Technical Education Regulations.

SECTION IV: APPEAL PROCESS

Matriculated students have the right to petition the college responsible for certifying credit (e.g. college transfer coordinator, academic dean or other person/s) if credit is not awarded under this agreement. Students may appeal or grieve denial of credit with any community college by referring to the grievance process in that college student handbook. If a student prevails on appeal the college must place the credit on the student's college transcript prior to the end of the first semester – within 60 days of receiving the student's high school transcript but no later than 30 days after the add-drop deadline.

SECTION V: GENERAL CONDITIONS OF THIS AGREEMENT

- 1) Students receiving articulated credits are strongly advised to review all enrollment, transfer and graduation requirements for four-year post-secondary schools prior to making plans to apply to any Massachusetts Community College.
- 2) The transferability of the associate degree credit to a baccalaureate program is determined by each four year institution and cannot be guaranteed.
- 3) This agreement is endorsed by the Massachusetts Community Colleges Executive Office on behalf of Massachusetts Community College Presidents' and the Massachusetts Association of Vocational Administrators.
- 4) This agreement will be reviewed when a substantive change in the framework occurs by the framework's review committee.

SECTION VI: FAIR NOTICE OF MATERIAL MODIFICATION

- 1) A fair notice period of 24 months by a community college will provide confidence to students and parents that the agreement will be in effect when the student graduates from high school. It is intended that this section not be combined with any other section for the purpose of extending the warning period to be more than 24 months.

SECTION VII: COLLEGES ARE ENCOURAGED TO DEVELOP ARTICULATION

- 1) Individual colleges are encouraged to continue the practice of developing individual articulation agreements in a variety of classes/programs.
- 2) Colleges are encouraged to consider adopting this agreement to apply to secondary non-chapter 74 programs where appropriate.
- 3) The community colleges continue to have the discretion to award advanced credit in cases not specifically covered by this agreement. This agreement may apply to students in secondary non-chapter 74 approved programs or in cases where a word or course title or program title may vary from this agreement, etc.
- 4) The community college program title changes alone will not impact this agreement because the agreement is based upon student achievement of knowledge and skills in this area as outlined in the Massachusetts Chapter 74 frameworks.

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William Messner
President, Holyoke Community College and
Chair, Massachusetts Community Colleges Council of Presidents



David J. Ferreira
Executive Director
Massachusetts Association of Vocational Administrators

Automotive Technology Course Objective Comparison Crosswalk

POST SECONDARY PROGRAM OBJECTIVES	CHAPTER 74 AUTOMOTIVE TECHNOLOGY FRAMEWORKS	
Demonstrate general safety and shop practices.	1.A.01 a	Identify and apply OSHA and other health and safety regulations that apply to specific tasks and jobs in the occupational area.
	1.A.02 a	Identify and apply EPA and other environmental protection regulations that apply to specific tasks and jobs in the occupational area.
	1.A.03 a	Identify and apply Right-To-Know (Hazard Communication Policy) and other communicative regulations that apply to specific tasks and jobs in the occupational area.
	1.A.04 a	Explain procedures for documenting and reporting hazards to appropriate authorities.
	1.A.05 a	List penalties for non-compliance with appropriate health and safety regulations.
	1.A.06 a	Identify contact information for appropriate health and safety agencies and resources.
	1.B.01 a	Identify, describe and demonstrate the effective use of Material Safety Data Sheets (MSDS).
	1.B.02 a	Read chemical, product, and equipment labels to determine appropriate health and safety considerations.
	1.B.03 a	Identify, describe and demonstrate personal, shop and job site safety practices and procedures.
	1.B.04 a	Demonstrate safe dress and use of relevant safety gear and personal protective equipment (PPE), including wrist rests, adjustable workspaces and equipment, gloves, boots, earplugs, eye protection, and breathing apparatus.
	1.B.05 a	Illustrate appropriate safe body mechanics, including proper lifting techniques and ergonomics.
	1.B.06 a	Locate emergency equipment in your lab, shop, and classroom, including (where appropriate) eyewash stations, shower facilities, sinks, fire extinguishers, fire blankets, telephone, master power switches, and emergency exits.
	1.B.07 a	Demonstrate the safe use, storage, and maintenance of every piece of equipment in the lab, shop, and classroom.
	1.B.08 a	Describe safety practices and procedures to be followed when working with and around electricity.
	1.B.09 a	Properly handle, store, dispose of, and recycle hazardous, flammable, and combustible materials.
	1.B.10 a	Illustrate proper handling and storage practices, including working with hazardous materials, disposal, and recycling.
	1.B.11 a	Demonstrate proper workspace cleaning procedures.
	1.C.01 a	Illustrate First Aid procedures for potential injuries and other health concerns in the occupational area.
	1.C.02 a	Describe the importance of emergency preparedness and an emergency action plan.
	1.C.03 a	Illustrate procedures used to handle emergency situations and accidents, including identification, reporting, response, evacuation plans, and follow-up procedures.
	1.C.04 a	Identify practices used to avoid accidents.
1.C.05 a	Identify and describe fire protection, precautions, and response procedures.	
1.C.06 a	Discuss the role of the individual and the company/organization in ensuring workplace safety.	
1.C.07 a	Discuss ways to identify and prevent workplace/school violence.	
Describe basic tool safety procedures.	2.D.04 c	Describe safety procedures to be followed when using an electric drill.
	2.D.08 c	Describe safety procedures to follow when using an air impact wrench.
	2.D.10 c	Describe safety procedures to be followed when using an electric soldering iron.
	2.D.13 c	Describe safety procedures to follow when using a bench grinder.