LPV Career TEC Programs
Affiliations, Articulations and Certificates

In accordance with the definition of an articulation agreement found in the Carl D. Perkins Career and Technical Education Improvement Act of 2006, state level articulation agreements have been established between all Massachusetts Community Colleges and all high schools having Chapter 74 approved secondary career/vocational technical programs 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. In addition to the state wide articulation agreements LPV CTEC programs maintain additional agreements with post-secondary institutions both within and outside Massachusetts Community Colleges.
The specific course a student receives credit for is determined by the community college curriculum.
For more information please see addendums A, B & C or visit http**://www.masscc.org.**

Automotive Technology – CIP 470604

Transportation Occupational Cluster

The Automotive Technology program is certified by the National Automotive Technicians Education Foundation (NATEF) in the following areas: Brakes, Electrical/Electronic Systems, Engine Performance, Suspension and Steering and they also participates in the AYES (Automotive Youth Educational Systems) program.

Students in the Automotive Technology program have the opportunity to earn the following industry standard certificates:

AED CPR First Aid	Manual Drive Train/Axle
ALLDATA Automotive Information Specialist	Suspension & Steering
ASE Student certifications:	10-Hour OSHA General Industry
Automatic Transmission	*S/P2 Online Training & Certificates:*
Brakes	S/P2 Mechanical Safety
Electrical/Electronic	S/P2 Mechanical Pollution Prevention
Engine Repair	S/P2 Land That Job: Interview Skills for Automotive Fields
Engine Performance	S/P2 Ethics in the Automotive Industry
Heating/Air Conditioning	

Massachusetts State Wide Articulation: Automotive Technology Effective Date: December 5, 2012
One or more of the following course(s) or equivalent:

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

The Automotive Technology program has the following additional articulation agreements:
Universal Technical Institute agreement allows students who meet the criteria the opportunity to earn advanced placement and/or a $500 scholarship tuition reduction.
Ohio Technical College allows students who meet the criteria outlined in the agreement the opportunity to receive advanced placement status for up to four courses.

MassBay College will accept up to 5 credits for eligible students who maintained a grade of B or better in the Automotive Technology program upon entering the applicable automotive courses at the college.

Building/Property Management – CIP 460401

Construction Occupational Cluster

Students in the Building/Property Management program have the opportunity to earn the following industry standard certificates:

10-Hour OSHA General Industry   AED   CPR   First Aid

There is no Massachusetts State Wide Articulation for Building/Property Management program at this time.

Carpentry – CIP 460201

Construction Occupational Cluster

Students in the Carpentry program have the opportunity to earn the following industry standard certificates:

10-Hour OSHA General Industry   AED   CPR   First Aid

Massachusetts State Wide Articulation: Carpentry Effective Date: November 14, 2013

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

Introduction to Blueprint Reading   Construction Methods and Materials   Introduction to Construction Estimating

Cosmetology – CIP 120401

Business & Consumer Services Occupational Cluster

The Cosmetology program is certified by the Commonwealth of Massachusetts Board of Registration of Cosmetologists. Upon successful completion of the course, which includes the requirement of 1000 instructional hours, students are prepared to take the Board of Registration of Cosmetologists license exam using the curriculum standards set by the Board.

Students in the Cosmetology program have the opportunity to earn the following industry standard certificates:

Board of Registration of Cosmetologist License   10-Hour OSHA General Industry   AED CPR First Aid

There is no Massachusetts State Wide Articulation for Cosmetology at this time.

Culinary Arts – CIP 120500

Hospitality & Tourism Occupational Cluster

The Culinary Arts program is certified by the American Culinary Federation Education Foundation (ACF).

Students in the Culinary Arts program have the opportunity to earn the following industry standard certificates:

AED   CPR   First Aid   **National Restaurant /Massachusetts Allergen Certificate**

AFC Culinarian Status   Federation of Dining Room Professionals Dining Room Apprentice

National Restaurant Association ServSafe   10-Hour OSHA General Industry

Massachusetts State Wide Articulation: Culinary Arts Effective Date: December 5, 2012

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

Culinary Arts Baking Skills for Cooks	Culinary Skills
Basic Culinary Techniques	Food Preparation
Culinary Concepts	Fundamentals of Professional Cooking
Culinary Foundations	Introduction to Culinary Arts

The Culinary Arts program has the following additional articulation agreements:
Culinary Institute of America gives students the opportunity to submit a National Restaurant Association Sanitation Certificate allowing eligibility for 1.5 credits in Food Safety (ServSafe). In addition, students who enroll at the Culinary Institute of America's Hyde Park campus within one year of high school graduation will be eligible for CIA's Articulation Grant of $2,500.

Johnson & Wales University allows students who pass incoming exams in the courses for which they are applying for to transfer credits under the guidelines of the University's FAST articulation program.

Holyoke Community College (HCC) allows students the opportunity to earn college credits in both the Hospitality Management and Food Service Management Programs. HCC recognizes that the Culinary Arts program is an American Culinary Federation (ACF) accredited program, therefore graduates of the Culinary Arts program holding ACF certified Culinarian status are not required to meet with the HCC culinary advisor before being awarded articulation credits for Culinary Foundations (CUL 100), Baking Theory Practice (CUL 110) and Sanitation and Safety (CUL111) provided the student has received the ServSafe® Certification. Students who have completed 225 hours of practical experience in a supervised **10-Hour OSHA General Industry** setting concurrent with a weekly academic component and an average of 80 or higher have the opportunity to earn 3 credits for Cooperative Education in Hospitality Management (HCA 280).

Lincoln Culinary Institute articulation agreement affords students the opportunity to receive college credit for Intro to Culinary Arts (CUL 140), which will articulate into the Culinary Arts, Italian Culinary Arts or International Baking and Pastry Programs. In addition, qualified students who submit a National Restaurant Association Sanitation Certificate will be eligible for credit in Food Production Sanitation (FPR 113).

Design and Visual Communications – CIP 500401

Arts & Communications Services Occupational Cluster
Students in the Design and Visual Communications program have the opportunity to earn the following industry standard certificates:
10-Hour OSHA General Industry   AED   CPR   First Aid

Massachusetts State Wide Articulation: Design & Visual Communications
Effective Date: December 5, 2012
One or more of the following course(s) or equivalent:

Computer Aided Graphic Design	Graphic Production and Layout I
Computer Graphics	Illustration I
Computers for Graphic Designers I	Intro to Computer Graphics
Design Theory	Introduction to Desktop Publishing
Digital Design Concepts I	Introduction to the Electronic Studio
Digital Imaging	Introduction to the Graphic Arts
Digital Page Layout	Computer
Electronic Imaging	Publication Design

The Design and Visual Communications program has the following additional articulation agreements:
Boston University's Center for Digital Imaging Arts articulation agreement affords students who graduate from the Design and Visual Communications program with a B+ or better the opportunity to receive a tuition credit of $2,000.

Springfield Technical Community College articulation agreement gives students the opportunity to earn college credit in: Typography (GRPH 125)-3 credits, Introduction to Graphic Arts Computer (GRPH 455)-3 credits, Graphic Communications (GRPH 131)-3 credits, and Macintosh Operating Systems (GRPH 455)-3 credits.

Early Education and Care – CIP 131210

Early Education and Care Occupational Cluster

The Early Education and Care program students intern through the LPVEC Early Education Center, which is licensed by the State of Massachusetts Department of Early Education and Care. Students successfully completing this program, which will include a minimum of 450 supervised hours working directly with young children, may begin the process of obtaining the Department of Early Education and Care Teacher License.

Students in the Early Education and Care program have the opportunity to earn the following industry standard certificates:

AED   CPR –Adult   CPR – Infants and Children   First Aid   10-Hour OSHA General Industry

Massachusetts State Wide Articulation: Early Education and Care Effective Date: December 5, 2012

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

Introduction to Early Childhood Education	Development in Early Childhood
Growth & Development of the Young Child	Early Childhood Growth
Early Childhood Curriculum and Program Planning	Early Childhood Programs
Early Childhood Education Child Development and Behavior	Early Childhood Education Elective
Foundations of Early Childhood Education	Child Growth and Development

The Early Education and Care program has an additional articulation agreement with _Holyoke Community College_.
Through that agreement students have the opportunity to earn college credit in the Early Childhood Introduction to Programs for Young Children (3 credits), if they meet the criteria as outlined in the agreement. The student must complete the program with a grade of B or better, demonstrate that they are eligible for HCC's English 101 by taking the Accuplacer® College placement test, and achieve the required score on the section – Sentence Skills and Reading Comprehension.

Fashion Technology – CIP 500407

Business Consumer Services Occupational Cluster

The Fashion Technology program is a Chapter Member DECA - Distributive Education Clubs of America.

Students in the Fashion Technology program have the opportunity to earn the following industry standard certificates:

10-Hour OSHA General Industry   AED   CPR   First Aid

There is no Massachusetts State Wide Articulation for Fashion Technology at this time.

The **Fashion Technology** program has the following articulation agreements:
Holyoke Community College articulation agreement affords students the opportunity to earn college credit in the Marketing Management program - Customer Service and Sales (MKT227) - 3 credits.

The Art Institute of Philadelphia allows students the opportunity to earn up to 18 college credits in Fashion Design or Fashion Marketing which may be applied to either an Associate of Science Degree or a Bachelor of Science Degree. Credits in the Fashion Design major may be awarded for: Fashion Design Sketch 1 (FD20512), Color Theory (GR10130), Clothing Construction (FD 10412), Textiles and Fabrics (FS 10212), Survey of Fashion Industry (FS10112), Introduction to Apparel Design (FD10210). Credits in the Fashion Marketing Major may be awarded for: Business Management (FS10312), Color Theory (GR10130), Apparel Evaluation and Construction (FM10432), Textiles and Fabrics (FS10212), Survey of Fashion Industry (FS10112), and Intro to Retailing (FM 10412).

Graphic Communications- CIP 100301

Arts & Communications Services Occupational Cluster

The **Graphic Communications** program is certified by Graphic Arts Education and Research Foundation (GAERF-PrintED).

Students in the Graphic Communications program have the opportunity to earn the following industry standard certificates:

10-Hour OSHA General Industry   AED   CPR   First Aid

There is no Massachusetts State Wide Articulation for Graphic Communications at this time.

The Graphic Communications program has the following articulation agreements:

Boston University's Center for Digital Imaging Arts affords students who graduate from the Graphic Communications program with a B+ or better have the opportunity to receive a tuition credit of $2,000.

Springfield Technical Community College articulation agreement affords students the opportunity to earn college credits in Graphic Arts Technology with a Commercial Art option: Digital Prepress (GRPH 122)-3 credits, Typography & Layout (GRPH 125)-3 credits, Graphic Communications (GRPH 131)-3 credits and Introduction to Graphic Arts Computer (GRPH 145)-3 credits.

Health Assisting - CIP 510000

Health Services Occupational Cluster

The Health Assisting program is certified by the Commonwealth of Massachusetts as a Certified Nursing Assistant (CNA) and Home Health Aide (HHA) testing site and by the Department of Public Health as a Feeding Assistant testing site.

Students in the Health Assisting program have the opportunity to earn the following industry standard certificates:

AED CPR First Aid	Family and Friends CPR
Alzheimer's Care	Feeding Assistant Certificate
Baby Sitting	Home Health Aid
Certified Nursing Assistant	10-Hour OSHA General Industry
EMT Certificate	

Massachusetts State Wide Articulation: Health Assisting Effective Date: December 5, 2012
One or more of the following course(s) or equivalent:
Medical Terminology
Award three elective credits upon submission of current registration from the Department of Public Health and current Healthcare Provider CPR/First Aid Certification.

The Health Assisting program has the following additional articulation agreements:

Asnuntuck Community College affords eligible students to receive up to eleven credits while only needing as few as seven when enrolling in the Registered Medical Assisting program.

Holyoke Community College makes available to eligible students who have a current MA Nurse Aide Certification (CNA), have completed a minimum of 147 clinical hours, and have a GPA of 80% or above the opportunity to earn college credit in Field Experience (HTH 210)-6 credits), and Medical Terminology (HTH 114)-3 credits.

New England Institute of Technology awards credit to graduates in Introduction to Allied Health (AHS 102) and may be eligible for additional credits in a number of their Allied Health Programs.

Information Support Services and Networking – CIP 110401

Information Technology Services Occupational Cluster

The Information Support Services and Networking program is a Cisco Academy Partner through the Rensselear Networking Academy. Cisco® curriculum delivers Web-based content, online assessment, student performance tracking, hands-on labs, instructor training, and support.   In addition the program partners with the Comp TIA Academy and the Microsoft Academic Alliance with a Dream Spark Affiliation.

Students in the Information Support Services and Networking program have the opportunity to earn the following industry standard certificates:

CISCO Exploration 1   CompTIA A+
CISCO Exploration 2   10-Hour OSHA General Industry
CISCO IT Essentials PC Technician   AED   CPR   First Aid

Massachusetts State Wide Articulation: Information Support Services and Networking
Effective Date: December 5, 2012
One or more of the following course(s) or equivalent:

CISCO Networking I   Introduction to Networking
Computer Concepts   Introduction to Operating Systems
Computer Concepts with Applications   Microcomputer Environment
Computer Configuration and Hardware   Network Fundamentals
Computer Hardware and Support   Network Workstation Administration
Computer Networks I   Networking Essentials
Computer Service and Repair   Networking I
Internetworking   Operating Systems
Introduction to Computer Networks   PC Hardware & Software
Introduction to Computer Systems   System Support—Hardware
Introduction to Data Communication & Networks   Wireless Networking
Introduction to Information Technology

Information Support Services and Networking has an additional articulation agreement with *Holyoke Community College*. Students who complete the course with an 80 or better, meet the criteria and demonstrate competencies have the opportunity to be eligible to earn credits in Computer Concepts w/Applications (CSI111) – 4 credits, or in Computer Concepts (CSI- 101) - 3 credits.

Landscaping Technology/Horticulture – CIP 010601

Agricultural & Natural Resources Cluster

The Landscaping Technology/Horticulture program is a Chapter Member of Future Farmers of America (FFA).

Students in the Landscaping Technology/Horticulture program have the opportunity to earn the following industry standard certificates:
10-Hour OSHA General Industry   AED   CPR   First Aid

There is no Massachusetts State Wide Articulation for Landscaping Technology/Horticulture at this time.

The Landscaping Technology/Horticulture program has an articulation agreement with *Springfield Technical Community College*. Through this articulation agreement students have the opportunity to earn college credit in Principles of Horticulture (GL 120) - 3 credits.

Machine Technology – CIP 4851 (Chapter 74 approval pending)
Manufacturing, Engineering & Technology Services Occupational Cluster

Students in the Machine Technology program have the opportunity to earn the following industry standard certificates:
10 Hour OSHA General Industry   AED   CPR   First Aid

Massachusetts State Wide Articulation: Machine Technology Effective Date: November 13, 2014
Manufacturing Safety   Fundamentals of Machine Operation