

Over the past year, MDOE-CTE along with a representative team of the secondary Maine Career and Technical Education Directors have met to determine which national standard each program offered in Maine will align to. The group researched and evaluated the listing of possible standards compiled for last year's CAR report and based the selection process from that list. Each program throughout the state (per CIP code) will offer the national or state certified standard. In some cases we are allowing programs a choice of 2 standards to better serve the labor differences in the diverse regions of the state. Once completed, the standards were approved in August 2009 by the representative team and continued on to the whole director's assemblage for the ratification procedure. The table below exhibits the efforts of the technical update workgroups.

Program Title	CIP	National Standard(s)
Agriculture, General	1.0000	Plant Systems & Natural Resource Systems
Agriculture Mechanics	1.0205	Power, Structural, & Technical Systems
Aquaculture	1.0303	Animal Systems
Crop Production	1.0304	Plant Systems
Applied Horticulture	1.0601	Plant Systems
Natural Resources Mgt & Policy	3.0201	Natural Resource Systems
Forest Technology	3.0511	Certified Logging Professional Training Standards
Graphic Communications	10.0301	PrintEd Introduction to Graphic Communications + One Other PrintEd Standard & Adobe Certified Associate Standards
Prepress/DT Publishing	10.0303	PrintEd Introduction to Graphic Communications + One Other PrintEd Standard & Adobe Certified Associate Standards
Graphic, Gen Production	10.0305	PrintEd Introduction to Graphic Communications + One Other PrintEd Standard & Adobe Certified Associate Standards
Info Technology	11.0103	Option 1 CompTIA A+ Essentials with required endorsements. Option 2 Cisco Certified Entry Networking Technician Standards
Culinary Arts	12.0503	Option 1 ACF Secondary & ServSafe Option 2 Pro-Start 1, 2 & ServSafe
Food Prep	12.0505	Option 1 ACF Secondary & ServSafe Option 2 Pro-Start 1, 2 & ServSafe
Composites Manufacturing	14.1801	ACMA Standards
Child Care Provider/Assistant	19.0709	Maine Certified Early Childhood Assistant Standards
Parks, Recreation & Leisure Facilities	31.0301	Whitewater Canoeing Credential & Swiftwater Rescue Credential
Biology Technician	41.0101	Option 1 BioLink Standards Option 2 Project Lead the Way & Biomedical Sciences Program

Program Title	CIP	National Standard(s)
Security and Protective Services (EMT/Fire Science Cluster)	43.0000	Option 1 Firefighter 1 & 2 Option 2 Emergency Medical Technician
Criminal Justice/Police Science	43.0107	MCJA Basic Law & MCJA Law Enforcement Pre-Service
Construction, Gen	46.0000	Option 1 NCCER Core, Carpentry I, II Option 2 NAHB Residential Construction Academy Skill Standards
Mason/Masonry	46.0101	NCCER Masonry Level 1
Carpentry	46.0201	Option 1 NCCER Core, Carpentry I, II Option 2 NAHB Residential Construction Academy Skill Standards
Electrician	46.0302	Option 1 NCCER Core, Electrical I, II & National Electrical Code (most current version) Option 2 NAHB Residential Electrician Skill Standards & National Electrical Code (most current version)
Plumbing Technology/Plumber	46.0503	NCCER Plumbing Level 1 & IAPM Uniform Plumbing Code
Electrical Equip Install	47.0101	Option 1 NCCER Core, Carpentry I, II Option 2 NAHB Residential Construction Academy Skill Standards
Comp Install	47.0104	Option 1 CompTIA A+ Essentials with required endorsements. Option 2 Cisco Certified Entry Networking Technician Standards
Heavy Equipment Maintenance Technology/Technician	47.0302	NATEF Medium/Heavy Truck Program & Licensed Inspection Technician
Autobody/Collision and Repair Technology/Technician	47.0603	NATEF Painting & Refinishing
Automobile/Automotive Mechanics Technology	47.0604	Option 1 NATEF Four Core (Electrical, Engine Performance, Brakes, Suspension & Steering) & Licensed Inspection Technician Option 2 NATEF General Service Technician & Licensed Inspection Technician
Marine Maintenance	47.0616	One (1) ABYC Certification Standard
Machine Tool Technology/Machinist	48.0501	NIMS Machining Level 1, Measurement, Materials, & Safety, Planning, Benchwork, & Layout, Manual Milling, Manual Turning with Chucking
Welding Technology/Welder	48.0508	Option 1 AWS Limited Base Metal Thickness Plate Test Option 2 NCCER Welding, Level 1 & 2
Construction/Heavy Equipment/Earthmoving Equipment	49.0202	NCCER Core, Heavy Equipment Operations Level I
Truck & Bus Driver/Commercial Vehicle Operation	49.0205	PTDI Entry-Level Tractor-Trailer Driver & Maine Commercial Truck License Manual
Visual & Performing Arts	50.0101	National Standards for Arts Education
Commercial & Advertising Art	50.0402	PrintEd Introduction to Graphic Communications + One

Program Title	CIP	National Standard(s)
		Other PrintEd Standard & Adobe Certified Associate Standards
Graphic Design	50.0409	PrintEd Introduction to Graphic Communications + One Other PrintEd Standard & Adobe Certified Associate Standards
Health Services, General	51.0000	Maine CNA Standards & Certified Residential Medication Aide & Personal Support Services (ACCEPTED, additional work required with identifying and adopting a national standard)
Medical Office Assistant/Specialist	51.071	AMT Registered Medical Assistant
Home Health Aide	51.2602	Maine CNA Standards & Certified Residential Medication Aide & Personal Support Services (ACCEPTED, additional work required with identifying and adopting a national standard)
Sales, Distribution	52.1801	MarkED 2008 Marketing Standards (NRF Customer Service Standards acceptable as a lower-level alternative)
Retailing & Retail Ops	52.1803	MarkED 2008 Marketing Standards (NRF Customer Service Standards acceptable as a lower-level alternative)
Health Unit Coordinator	51.0703	Maine CNA Standards & Certified Residential Medication Aide & Personal Support Services (ACCEPTED, additional work required with identifying and adopting a national standard)
Nursing Assistant	51.1614	Maine CNA Standards & Certified Residential Medication Aide & Personal Support Services (ACCEPTED, additional work required with identifying and adopting a national standard)

The remaining 21 programs have narrowed their standards selection process down to one or two options and need further efforts to complete the ratification standards process. The following list is the programs with their chosen standard(s).

Program Title	CIP	National Standard(s)
Radio & TV Broadcasting	10.0202	Adobe Certified Associate Standards
Cinematography & Film	50.0602	Adobe Certified Associate Standards
Bus Admin & Mgt	52.0201	Option 1 Two (2) Microsoft Office Specialist Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards Option 2 Microsoft Certified Application Specialist (MCAS) Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards
Admin Assistant & Sec Sci	52.0401	Option 1 Two (2) Microsoft Office Specialist Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards Option 2

Program Title	CIP	National Standard(s)
		Microsoft Certified Application Specialist (MCAS) Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards
Bus/Office Automation	52.0407	<u>Option 1</u> Two (2) Microsoft Office Specialist Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards <u>Option 2</u> Microsoft Certified Application Specialist (MCAS) Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards
General Office Occs	52.0408	<u>Option 1</u> Two (2) Microsoft Office Specialist Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards <u>Option 2</u> Microsoft Certified Application Specialist (MCAS) Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards
Accounting Technology	52.0302	<u>Option 1</u> Two (2) Microsoft Office Specialist Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards <u>Option 2</u> Microsoft Certified Application Specialist (MCAS) Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards
Accounting & Related Svcs	52.0399	<u>Option 1</u> Two (2) Microsoft Office Specialist Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards
Banking & Financial Support	52.0803	<u>Option 1</u> Two (2) Microsoft Office Specialist Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards <u>Option 2</u> Microsoft Certified Application Specialist (MCAS) Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards

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Entrepreneurship	52.0701	<p>Option 1 Two (2) Microsoft Office Specialist Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards</p> <p>Option 2 Microsoft Certified Application Specialist (MCAS) Certification Standards & MarkEd 2008 Business Mgt & Administration Core Standards</p>
Drafting & Design	15.1301	AutoDesk AutoCAD Training Standards (Certified Associate)
CAD/CADD Drafting	15.1302	AutoDesk AutoCAD Training Standards (Certified Associate)
Architectural Drafting	15.1303	AutoDesk AutoCAD Training Standards (Certified Associate)
Health Services, General	51.000	Maine CNA Standards & Certified Residential Medication Aide & Personal Support Services
Nursing Assistant	51.1614	Maine CNA Standards & Certified Residential Medication Aide & Personal Support Services
Home Health Aide	51.2602	Maine CNA Standards & Certified Residential Medication Aide & Personal Support Services
Health Unit Coordinator	51.0703	Maine CNA Standards & Certified Residential Medication Aide & Personal Support Services
Web Page, Digital/Multimedia & Info Processing	11.0801	
Engineering Tech	15.000	Project Lead the Way Pathway to Engineering Program
Manufacturing	15.0613	Project Lead the Way Pathway to Engineering Program
Small Engine Mechanics & Repair Technology/Technician	47.0606	EETC Small Engine Repair