



CTE Certifications

2020-2021

Overview:

What is an industry-recognized certification/credential?

Industry-recognized certifications/credentials offer a strategy for improving instruction and signaling that *students have acquired a defined set of technical skills and knowledge*. The benefits of industry-recognized credentials are many: High school CTE programs that lead to certificates and industry-recognized credentials can help young people find skilled employment and give them the option of later returning to school for a higher degree. Employers also benefit from a more highly skilled workforce with certifiable skills.

Each industry-recognized certification/credential is aligned to specific programs of study. For example, Adobe Photoshop is an SQRP eligible certification for students who were part of the Digital Media pathway because it is a credential that is highly valuable in that industries especially when coupled with the student's training in the field.

Are the certifications listed the only ones available for students?

No. These are the certifications that are the primary focus of the curriculum and represent a standard of industry validation and economic value to students. These student have been approved to count as an Early College and Career Credential as a component of a school's SQRP rating. There may be other certifications that are included within an individual CTE pathway's curriculum, but will not count on SQRP.

How has/will remote learning due to COVID-19 impact the availability of these certifications?

We are working to ensure as many certifications are available in a remote setting as possible. For some, it is simply impossible to demonstrate proficiency in an online environment. Certifications marked and highlighted with this indication: **Certification Name***** are ones where currently (as of 1/1/2021) remote testing is not possible.

Who can I contact if I have questions?

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Agriculture & Horticulture

Pathway	Certifications Approved for SQRP
Agriculture Academy	OSHA 10 Hour - Agriculture
Agricultural Applied Biology	OSHA 10 Hour - Agriculture
Agricultural Business	OSHA 10 Hour - Agriculture
Agricultural Mechanics & Technology	OSHA 10 Hour - Agriculture OSHA 10 Hour - Construction
Animal Science	OSHA 10 Hour - Agriculture
Food Science	OSHA 10 Hour - Agriculture ServSafe Food Handler
Horticulture	OSHA 10 Hour - Agriculture

Business and Finance

Pathway	Certifications Approved for SQRP
Accounting	Quickbooks
Entrepreneurship	<i>None</i>

Construction and Architecture

Pathway	Certifications Approved for SQRP
Architecture	None
Carpentry	OSHA 10 Hour - Construction
Electricity	OSHA 10 Hour - Construction
HVAC and Refrigeration	608 Refrigeration Certification*** OSHA 10 Hour - Construction
Welding	OSHA 10 Hour - Construction

Culinary Arts

Pathway	Certifications Approved for SQRP
Culinary Arts and Restaurant Management	OSHA 10 Hour - Culinary OSHA 10 Hour - General Industry ProStart Certification Year 1*** ProStart Certification Year 2*** ServSafe Food Handler ServSafe Manager

Education and Training

Pathway	Certifications Approved for SQRP
Teacher Academy	ECE Level 1 Certification

Health Science

Pathway	Certifications Approved for SQRP
All Health Science Pathways (excluding Biomedical)	Basic Nursing Assistant (BNA) Certified Pharmacy Technician*** EKG Technician*** Emergency Medical Technician (EMT)*** Licensed Practical Nurse (LPN)*** Medical Office Assistant*** OSHA 10 Hour – Healthcare Patient Care Technician*** Phlebotomy Technician Registered Medical Assistant (RMA)
Biomedical	PLTW End of Course Exam

Information Technology

Pathway	Certifications Approved for SQRP
Computer Engineering	None
Computer Networking	MTA – Networking MTA – Security
Computer Programming	MTA– Java MTA – Javascript MTA - Python Site Dev Associate
Game Programming	Adobe Certified Associate-(Photoshop) MTA - Java MTA – Javascript MTA – Python MTA - HTML 5
Web Development & Design	Adobe Certified Associate (Photoshop) CIW Advanced HTML5 & CSS3 Specialist CIW Site Development Assocaite MTA - HTML 5 MTA – Java MTA – Javascript MTA - Python

Law and Public Safety

Pathway	Certifications Approved for SQRP
Pre-Law	None

Manufacturing and Pre-Engineering

Pathway	Certifications Approved for SQRP
Machine Technology	MSSC (Quality and Continuous Improvement)*** MSSC (Safety)*** NIMS (CNC Milling Operator)*** NIMS (CNC Turning Operator)*** NIMS (Job Planning, Bench work, and Layout)*** NIMS (Manual Drill Press Operations)*** NIMS (Manual Milling)*** NIMS (Measurement, Materials and Safety)***
Pre-Engineering	Autodesk Inventor Certified User PLTW End of Course Exam

Media and Communication Arts

Pathway	Certifications Approved for SQRP
Broadcast Technology	Adobe Certified Associate (Photoshop) Adobe Premier
Digital Media	Adobe Certified Associate (Photoshop) Adobe Illustrator Adobe InDesign Adobe Premier

Personal Care Services

Pathway	Certifications Approved for SQRP
Barbering	Barbering State License
Cosmetology	Cosmetology State License

Transportation

Pathway	Certifications Approved for SQRP
Auto Body Repair	ASE Painting & Refinishing*** ASE Structural Analysis and Damage Repair*** ASE Non-Structural Analysis and Damage Repair*** I-CAR*** Snap On Multimeter NC3***
Automotive Technology	AC Delco – Electrical*** AC Delco - Engine Repair*** AC Delco - Steering and Suspension*** ASE - End of Program Brakes*** ASE - End of Program Electrical*** ASE - End of Program Engine Repair*** ASE - End of Program Steering and Suspension*** MAST – Brakes*** MAST – Electrical*** MAST - Engine Repair*** MAST - Steering and Suspension*** Navistar Diesel*** Snap On Multimeter NC3***
Aviation	FAA - Private Pilot License
Diesel Technology	Navistar Diesel***

City-Wide Programs

Pathway	Certifications Approved for SQRP
Chicago Builds	<p>608 Refrigeration Certification***</p> <p>OSHA 10 Hour - Construction</p>
Chicago Police and Fire Training Academy (CPFTA)	<p>Emergency Medical Technician (EMT)***</p> <p>First Responders 101***</p> <p>Unarmed Security Guard***</p>
Cooperative Education (Co-Op)	IT Essentials