



# 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?*

Mitch Staroscik  
Manager, Strategic Planning and Performance  
Early College & Career Education  
mpstaroscik@cps.edu

### 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<br>OSHA 10 Hour - Construction |
| Animal Science                      | OSHA 10 Hour - Agriculture                                |
| Food Science                        | OSHA 10 Hour - Agriculture<br>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           | <i>None</i>   |
| Carpentry              | OSHA 10 Hour - Construction                                       |
| Electricity            | OSHA 10 Hour - Construction                                       |
| HVAC and Refrigeration | 608 Refrigeration Certification***<br>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<br>OSHA 10 Hour – General Industry<br>ProStart Certification Year 1***<br>ProStart Certification Year 2***<br>ServSafe Food Handler<br>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<br>(excluding Biomedical) | Basic Nursing Assistant (BNA)<br>Certified Pharmacy Technician***<br>EKG Technician***<br>Emergency Medical Technician (EMT)***<br>Licensed Practical Nurse (LPN)***<br>Medical Office Assistant***<br>OSHA 10 Hour – Healthcare<br>Patient Care Technician***<br>Phlebotomy Technician<br>Registered Medical Assistant (RMA) |
| Biomedical  | PLTW End of Course Exam   |

### Information Technology

| Pathway                  | Certifications Approved for SQRP  |
|--------------------------|---|
| Computer Engineering     | None  |
| Computer Networking      | MTA – Networking<br>MTA – Security  |
| Computer Programming     | MTA– Java<br>MTA – Javascript<br>MTA - Python<br>Site Dev Associate   |
| Game Programming         | Adobe Certified Associate-(Photoshop)<br>MTA - Java<br>MTA – Javascript<br>MTA – Python<br>MTA - HTML 5   |
| Web Development & Design | Adobe Certified Associate (Photoshop)<br>CIW Advanced HTML5 & CSS3 Specialist<br>CIW Site Development Associate<br>MTA - HTML 5<br>MTA – Java<br>MTA – Javascript<br>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)***<br>MSSC (Safety)***<br>NIMS (CNC Milling Operator)***<br>NIMS (CNC Turning Operator)***<br>NIMS (Job Planning, Bench work, and Layout)***<br>NIMS (Manual Drill Press Operations)***<br>NIMS (Manual Milling)***<br>NIMS (Measurement, Materials and Safety)*** |
| Pre-Engineering    | Autodesk Inventor Certified User<br>PLTW End of Course Exam  |

### Media and Communication Arts

| Pathway              | Certifications Approved for SQRP  |
|----------------------|---|
| Broadcast Technology | Adobe Certified Associate (Photoshop)<br>Adobe Premier  |
| Digital Media        | Adobe Certified Associate (Photoshop)<br>Adobe Illustrator<br>Adobe InDesign<br>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***<br>ASE Structural Analysis and Damage Repair***<br>ASE Non-Structural Analysis and Damage Repair***<br>I-CAR***<br>Snap On Multimeter NC3****   |
| Automotive Technology | AC Delco – Electrical***<br>AC Delco - Engine Repair***<br>AC Delco - Steering and Suspension***<br>ASE - End of Program Brakes***<br>ASE - End of Program Electrical***<br>ASE - End of Program Engine Repair***<br>ASE - End of Program Steering and Suspension***<br>MAST – Brakes***<br>MAST – Electrical***<br>MAST - Engine Repair***<br>MAST - Steering and Suspension***<br>Navistar Diesel***<br>Snap On Multimeter NC3*** |
| Aviation              | FAA - Private Pilot License   |
| Diesel Technology     | Navistar Diesel***  |

### City-Wide Programs

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