

# Florida Credentials Review Committee

## Meeting Agenda

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WEDNESDAY, MARCH 9 • 10 A.M. – 12 P.M. ET

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### Chair's Welcome and Remarks

**Katie Crofoot**  
*Director, REACH Office  
Executive Office of the Governor*

### Timeline Revisions

**Andra Cornelius, CECD**  
*Sr. Vice President, Business & Workforce Development  
CareerSource Florida*

### Consent Item

- Dec. 1, 2021, meeting minutes

**Katie Crofoot**

### Action Item

- Master Credentials List for 2022-2023 School Year

**Dan McGrew**  
*Vice President, Strategic Policy & Performance  
CareerSource Florida*  
**Tara Goodman**  
*Vice Chancellor, Division of Career, Technical and Adult Education  
Florida Department of Education*

### Learnings from Credentials of Value Work

**Keith Richard, Ph.D.**  
*Statewide Director, Career & Technical Education Quality  
Florida Department of Education*

- Scope of Work Completed
- Applying a Framework of Quality
- Takeaways from the Employer Engagement Survey and Focus Groups

### Framework of Quality Workgroups

- Wage Thresholds
  - Demand Thresholds
  - Credential Sequencing
  - Credential Identification
- Adrienne Johnston/Adam Briggs**  
**Jennifer Grove/Dehryl McCall**  
**Katherine Goletz/Tara Goodman**  
**James Taylor/Keith Richard**

### Labor Market Estimating Conference Discussion

**Amy Baker**  
*Coordinator*

*State Office of Economic and Demographic Research*

- Review of Progress on Labor Market Analyses
  - Wages
  - Supply and Demand

# Florida Credentials Review Committee

Open Discussion and Public Comment

Chair's Closing Remarks

*Katie Crofoot*

# Florida Credentials Review Committee

## 2022 - 2023 Timeline

<b>February</b>	<p>2/1 to 2/4 - ESG Employer Focus Groups convene. Preliminary Florida Credentials of Value Workgroup report received with final report expected by March.</p> <p>2/17 - Labor Market Estimating Conference Meeting #2 - Supply and demand analysis not adopted by conference.</p> <p>Framework of Quality workgroups convene and continue work.</p>
<b>March</b>	<p>3/9, 10 a.m. to 12 p.m. - Virtual Credentials Review Committee meeting to update committee on Framework of Quality workgroups, present findings from ESG Credentials of Value work, and present update on progress of the Labor Market Estimating Conference's work on wages, supply and demand. Action Item to consider current Master Credentials List for 2022-2023 school year to be presented.</p> <p>Mid-March - Preliminary Credentials Review Committee Communications Plan drafted.</p> <p>3/29 - Virtual CareerSource Florida Executive Committee Meeting; Committee votes on delivery of <b>2022-2023 Master Credentials List to State Board of Education.</b></p>
<b>April</b>	<p>April - Anticipated that the Office of Economic and Demographic Research will provide additional wage analyses to include wages for occupations at all education levels; wage comparisons within the eight education levels (below high school through graduate degrees); and potential proxy for determining entry-level wages in addition to wage range brackets for all earners.</p> <p>4/28, 1-4 p.m. - Credentials Review Committee meeting in Tallahassee to include progress report outs from Framework of Quality workgroups; contemplate proposed wage thresholds based on updated data provided by Labor Market Estimating Conference and process for determining local demand.</p>
<b>May</b>	<p>Workgroups apply proposed wage thresholds to credentials list. Draft proposed Returned-Value Funding Formula for presentation at June Credentials Review Committee meeting.</p>

# Florida Credentials Review Committee

<b>June</b>	6/27, 3 p.m. to 5 p.m. – Credentials Review Committee meeting in Tampa, coinciding with Florida Chamber Learners to Earners Summit, to present proposed Returned-Value Funding Formula; provide updates from Framework of Quality workgroups and Labor Market Estimating Conference progress toward August conference; review list of credentials that will be evaluated for inclusion on Master Credentials List and proposed criteria for credential sequencing; and review outcomes from Florida Chamber Foundation's Florida Workforce Needs Survey 2.0.
<b>August</b>	<p>Labor Market Estimating Conference Meeting #3 – Labor supply/demand and gap analysis anticipated.</p> <p>Demand workgroup develops proposed demand thresholds based on Labor Market Estimating Conference product.</p>
<b>September</b>	9/22 – Credentials Review Committee meeting in Tallahassee to approve final Framework of Quality criteria and process for accepting and evaluating new credentials for inclusion on the Master Credentials List.
<b>October</b>	Apply Framework of Quality to existing credentials and accept submissions for new credentials.
<b>November</b>	11/17 – Virtual Credentials Review Committee meeting to update committee on progress of application of Framework of Quality and evaluation of new credential submissions; determine process for annual review of Master Credentials List beginning in 2023-2024.
<b>January 2023</b>	Credentials Review Committee meets to adopt Master Credentials List for state of Florida.
<b>Feb – March 2023</b>	<p>CareerSource Florida Board votes on delivery of <b>Master Credentials List to State Board of Education.</b></p> <p>Anticipated convening of Labor Market Conference during first quarter 2023.</p>
<b>May – June 2023</b>	Credentials Review Committee meets to adopt <u>new</u> credentials to the Master Credentials List that meet the Framework of Quality. Annual review of the Master Credentials List with roster of those credentials to be phased out no longer meeting the Framework of Quality.

# **Consent Item**

## **DECEMBER 2021 MEETING MINUTES**

In accordance with the Credentials Review Committee, CareerSource Florida is required to keep correct and complete books and records of accounts and shall keep minutes on the proceedings of the Credentials Review Committee.

## **FOR CONSIDERATION**

**Approval of December 2021 Meeting Minutes, to include any modifications or changes noted by the board.**

**Credentials Review Committee  
Meeting Minutes  
December 1, 2021**

**I. Call to Order**

Chair Katie Crofoot, Director, Reimagining Education and Career Help (REACH) Office, Executive Office of the Governor, called the meeting to order at 1 p.m. on Dec. 1, 2021, at the Betty Easley Conference Center in Tallahassee, Florida.

**II. Pledge of Allegiance**

**III. Roll Call**

Executive Coordinator Lisa Cramer conducted a roll call. The following members were present:

Katie Crofoot  
Timothy Beard  
Michael Biskie  
Robert Boyd  
Hugh Campbell  
Marcelo Dossantos for Kevin Carr  
Emily Sikes for Marshall Criser  
Katherine Goletz  
Lloyd Gregg  
Jennifer Grove  
Diane Head  
Kathy Hebda  
Adrienne Johnston  
Henry Mack  
Debbie Magruder  
Jacob Oliva  
Casey Penn

Chair Crofoot asked first time committee member Hugh Campbell to briefly introduce himself. Chair Crofoot also acknowledged designated proxy Marcelo Dossantos, serving for Kevin Carr and Emily Sikes serving as a proxy for Chancellor Marshall Criser.

**IV. Consent Items**

Chair Crofoot called for a motion to approve the meeting minutes.

1. Approval of the minutes for the September 8, 2021, meeting.
2. Approval of the minutes for the October 26, 2021, workshop.

Motion: Jennifer Grove  
Second: Hugh Campbell

There was no discussion and no comments from the public.

The consent agenda passed unanimously.

#### **V. Learner Pathways: A Snapshot of Alignment in Palm Beach County**

Chair Crofoot introduced CareerSource Palm Beach County President and CEO Julia Dattolo and Director of Educational Partnership and Strategic Initiatives Carrie Pasquale. Following the passage of the Reimagining Education and Career Help (REACH) Act, Julia and Carrie worked with education and workforce leadership in their county to implement findings from the Florida Chamber Foundation's Workforce 2030 report, which identified key sectors in the state's economy. The team then aligned these important sectors to their local economy and all credentialing pathways from high school to higher education. Julia and Carrie demonstrated to the committee how credential sequencing plays a role in local efforts to build talent pipelines.

#### **VI. Update: Credentials of Value**

Chair Crofoot introduced Florida Department of Education Statewide Director of Career and Technical Education Quality Keith Richard, Ph.D. Dr. Richard explained the Framework of Quality as a rubric by which workforce credentials are evaluated for inclusion on a Master Credentials List (MCL) for the state of Florida, in alignment with federally funded workforce accountability requirements. The accountability requirements include credential attainment, placement and median wage outcomes. Credentials to be evaluated include registered apprenticeship programs, industry certifications, licenses, advanced technical certificates, college credit certificates, career certificates, applied technology diplomas, and associate, baccalaureate and graduate degrees. The Master Credentials Lists will help the state direct funding to prioritize credentials of value and address the economic needs of Florida's citizens and businesses.

The following four data elements must be considered when defining the value of a credential:

- Labor Market Demand.
- Employment Outcome Thresholds.
- Earning Outcome Thresholds.
- Credential Sequencing.

Once the Framework of Quality is defined by the Credentials Review Committee, credentials offered in Florida will be evaluated against the framework for inclusion on the Master Credentials List.

A question was asked about whether the data in wage brackets for high school completers to associate degree occupations represents the current or first year of information. Dr. Richard said it represents a slice in time and the threshold represents information collected from Florida Education & Training Placement Information (FETPIP).

Florida Department of Economic Opportunity Division of Workforce Services Deputy Secretary Adrienne Johnston clarified that the information represents an average gathered from employers across the state.

In February 2022, ESG will complete all quantitative analyses and focus groups and provide a technical report for the Credentials Review Committee to use as a blueprint for decision making.

## **VII. Survey Results: Labor Market Estimating Conference Wage Bracket Preferences and Credential Sequencing**

Chair Crofoot introduced Dr. Adam Briggs, Senior Director of Performance & Analytics for CareerSource Florida. Building on the information shared by Dr. Richard, Dr. Briggs shared an in-depth discussion on wage thresholds and credential sequencing and gathered the Credential Review Committee's input.

Proposed criteria for credential sequencing:

- Validated and recognized by industry.
- Part of a well-defined sequence of credentials that leads to a next-level credential on the Master Credentials List.
- And/or at least 25% of credential holders stack the credential to a credential of value on the Master Credentials List.
- Or included on Florida's Gold Standard Articulation list.

Dr. Briggs stated that the credential is valuable whether obtained at a university, community or technical college. The Credential Review Committee should determine what a well-defined sequence of credentials constitutes value and demand.

## **VIII. Building the Master Credentials List**

Dan McGrew, Vice President of Strategic Policy & Performance with CareerSource Florida, provided an overview of an approach for consideration on how the Master Credentials List can be built, verified and put into action. Mr. McGrew stated they envision building the Master Credentials List by:

- Obtaining the Labor Market Estimating Conference Analysis of Occupations.
- Apply wage, demand and sequencing thresholds.
- Identify necessary credentials.
- Employer verification.

- Master Credentials List.

Mr. McGrew stated that this process would replace the process for the Career and Professional Education (CAPE) Act. CAPE credentials will proceed through the Framework of Quality to be added to the CAPE list.

## **IX. Timeline Update**

Andra Cornelius, Senior Vice President of Business & Workforce Development with CareerSource Florida, provided an overview of the timeline for the Credentials Review Committee. Ms. Cornelius stated that decisions impacting the committee since their first meeting have shifted. Many deliverables have been delayed. The Labor Market Estimating Conference's work will provide critical information about demand that will inform the Framework of Quality for credentials.

The Labor Market Estimating Conference will meet twice a year and its information will directly affect how credentials of value will be added to the Master Credentials List.

Credentials of value need to meet labor market demand as identified by the Labor Market Estimating Conference but can also meet local demand as identified by local communities.

## **IX. Open Discussion and Public Comment**

A comment was made by Hugh Campbell that the pandemic will alter the data and that needs to be taken into consideration.

### **Chair's Closing Remarks**

Chair Crofoot thanked everyone for their time and attention and noted that the committee is planning to meet for a virtual workshop in late January/early February after the Labor Marketing Estimating Conference convenes.

## **XII. Adjournment**

Chair Crofoot adjourned the meeting at 3:53 p.m.

Approved \_\_\_\_\_  
Disapproved \_\_\_\_\_

## **Action Item**

### **2022-2023 MASTER CREDENTIALS LIST**

In 2021, Governor Ron DeSantis the Reimagining Education and Career Help (REACH) Act into law, creating a consumer-first workforce system that will address the evolving needs of Florida's economy by increasing collaboration and cooperation among state businesses and education communities while improving training within and equity and access to a more integrated workforce and education system for all Floridians. This legislation made changes to existing law and created a Master Credentials List.

As described in law, for the 2021-2022 school year, the Master Credentials List shall be composed of the CAPE Industry Certification Funding List and the CAPE Postsecondary Industry Certification Funding List adopted by the State Board of Education.

For 2022-2023, modifications to the current list were made to include the removal of certifications that are no longer available and technical changes to names or certifying agencies that have changed in the past year. The list includes 512 certifications, 320 of which have postsecondary funding eligibility.

Subsequent to approval of a Master Credentials List by the CareerSource Florida board and prior to the State Board of Education meeting at which the list is considered for a final vote, there may arise the need for technical revisions to the list. Examples of technical revisions include changes to certification names, change in the availability of the certification, or changes to code numbers.

Upon approval of a Framework of Quality by the Florida Credentials Review Committee, as described and required in the REACH Act, requests for certifications and credentials will be solicited and reviewed in compliance with the CAPE Act, the REACH Act and updated administrative rules. Newly submitted certifications and credentials will be added to the Master Credentials List and the CAPE Industry Certification Funding List with the approval of the Credentials Review Committee.

## **FOR CONSIDERATION**

- **Approve recommendations of 512 certifications for the 2022-2023 Master Credentials List and authorize the Credentials Review Committee to send these recommendations to the CareerSource Florida Board of Directors.**

## **ATTACHMENTS**

- **2022-2023 Master Credentials List**

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
AAMIN001	Certified Biomedical Equipment Technician	Association for the Advancement of Medical Instrumentation (AAMI)	Yes	No	Manufacturing
ABAYC001	Composite Boat Builder Certification	American Boat & Yacht Council	Yes	No	Transportation, Distribution & Logistics
ABAYC003	Marine Electrical Certification	American Boat & Yacht Council	Yes	No	Transportation, Distribution & Logistics
ABAYC006	A/C Refrigeration Certification	American Boat & Yacht Council	Yes	No	Transportation, Distribution & Logistics
ABCOP001	Certified Prosthetic-Orthotic Technician (CTPO)	American Board for Certification in Orthotics, Prosthetics & Pedorthics	Yes	No	Health Science
ACFED006	Certified Fundamentals Cook	American Culinary Federation	No	No	Hospitality & Tourism
ACOPC004	Certified Outpatient Coder (COC)	American Academy of Professional Coders	Yes	No	Health Science
ACOPC005	Certified Professional Coder - Payer (CPC-P)	American Academy of Professional Coders	Yes	No	Health Science
ACOPC006	Certified Professional Coder (CPC)	American Academy of Professional Coders	Yes	No	Health Science
ACOPC007	Certified Professional Biller (CPB)	American Academy of Professional Coders	Yes	No	Health Science
ACSMD002	Certified Personal Trainer	American College of Sports Medicine	Yes	No	Health Science
ADESK002	Autodesk Certified User - AutoCAD	Autodesk	No	No	Architecture & Construction
ADESK008	Autodesk Certified User - Revit Architecture	Autodesk	No	No	Architecture & Construction
ADESK011	Autodesk Certified User - Inventor	Autodesk	No	No	Architecture & Construction
ADESK021	Autodesk Certified Professional - AutoCAD	Autodesk	Yes	No	Architecture & Construction
ADESK023	Autodesk Certified Professional - AutoCAD Civil 3D	Autodesk	Yes	No	Architecture & Construction
ADESK024	Autodesk Certified Professional - Inventor	Autodesk	Yes	No	Engineering and Technology Education
ADESK025	Autodesk Certified Professional - Revit Architecture	Autodesk	Yes	No	Architecture & Construction
ADESK029	Autodesk Certified Professional - 3ds Max	Autodesk	No	No	Architecture & Construction
ADESK030	Autodesk Certified User - Maya	Autodesk	No	No	Information Technology
ADESK031	Autodesk Certified User - 3ds Max	Autodesk	No	No	Architecture & Construction
ADESK032	Autodesk Certified User - Fusion 360	Autodesk	No	No	Manufacturing
ADESK033	Autodesk Certified Associate in CAD for Mechanical Design	Autodesk	Yes	No	Manufacturing
ADESK034	Autodesk Certified Associate in CAM 2.5 Axis Milling for Machinists	Autodesk	Yes	No	Manufacturing
ADOBE023	Adobe Certified Professional in Video Design (Premiere Pro; After Effects or Photoshop)	Adobe Systems	No	No	Arts, A/V Technology & Communication
ADOBE024	Adobe Certified Professional in Visual Design (Photoshop; Illustrator or InDesign)	Adobe Systems	No	No	Arts, A/V Technology & Communication
ADOBE025	Adobe Certified Professional in Web Design (Dreamweaver; Animate or Photoshop)	Adobe Systems	No	No	Arts, A/V Technology & Communication
AFHDI001	Certified Healthcare Documentation Specialist (CHDS)	Association for Healthcare Documentation Integrity (AHDI)	Yes	No	Health Science
AFHDI002	Registered Healthcare Documentation Specialist (RHDS)	Association for Healthcare Documentation Integrity (AHDI)	Yes	No	Health Science
AHCSM001	Certified Registered Central Service Technician	International Association of Healthcare Central Service Material Management	Yes	No	Health Science
AHIMA001	Certified Coding Associate (CCA)	American Health Information Management Association	Yes	No	Health Science
AHIMA002	Certified Coding Specialist (CCS)	American Health Information Management Association	Yes	No	Health Science
AHIMA003	Certified Coding Specialist - Physician-based (CCS-P)	American Health Information Management Association	Yes	No	Health Science
AHIMA007	Registered Health Information Administrator (RHIA)	American Health Information Management Association	Yes	No	Health Science
AHIMA009	Registered Health Information Technician (RHIT)	American Health Information Management Association	Yes	No	Health Science

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
AHIMA010	Certified in Health Care Privacy & Security (CHPS)	American Health Information Management Association	Yes	No	Health Science
AHIMA011	Certified Healthcare Technology Specialist - Clinician/Practitioner Consultant (CHTS-CP)	American Health Information Management Association	Yes	No	Health Science
AHIMA012	Certified Healthcare Technology Specialist - Implementation Manager (CHTS-IM)	American Health Information Management Association	Yes	No	Health Science
AHIMA013	Certified Healthcare Technology Specialist - Implementation Support Specialist (CHTS-IS)	American Health Information Management Association	Yes	No	Health Science
AHIMA014	Certified Healthcare Technology Specialist - Practice Workflow & Information Management Redesign Specialist (CHTS-PW)	American Health Information Management Association	Yes	No	Health Science
AHIMA015	Certified Healthcare Technology Specialist - Technical/Software Support Staff (CHTS-TS)	American Health Information Management Association	Yes	No	Health Science
AHIMA016	Certified Healthcare Technology Specialist - Trainer (CHTS-TR)	American Health Information Management Association	Yes	No	Health Science
AHIMA017	Certified Documentation Improvement Practitioner (CDIP)	American Health Information Management Association	Yes	No	Health Science
AHIMA018	Certified Health Data Analyst (CHDA)	American Health Information Management Association	Yes	No	Health Science
AMAMA001	Certified Medical Assistant (CMA)	American Association of Medical Assistants	Yes	No	Health Science
AMAOB001	Medical Laboratory Technician (MLT)	American Association of Bioanalysts (AAB)	Yes	No	Health Science
AMAOB002	Medical Technologist (MT(AAB))	American Association of Bioanalysts (AAB)	Yes	No	Health Science
AMAZN001	AWS Certified Solutions Architect - Associate	Amazon	Yes	No	Information Technology
AMAZN002	AWS Certified Cloud Practitioner	Amazon	Yes	No	Information Technology
AMAZN003	AWS Certified Developer - Associate	Amazon	Yes	No	Information Technology
AMAZN004	AWS Certified Data Analytics - Specialty	Amazon	Yes	No	Information Technology
AMAZN005	AWS Certified Database - Specialty	Amazon	Yes	No	Information Technology
AMAZN006	AWS Certified Machine Learning - Specialty	Amazon	Yes	No	Information Technology
AMAZN007	AWS Certified Security - Specialty	Amazon	Yes	No	Information Technology
AMAZN008	AWS Certified SysOps Administrator- Associate	Amazon	Yes	No	Information Technology
AMDDA002	Certified Apprentice Drafter - Architectural	American Design Drafting Association	No	No	Architecture & Construction
AMDDA003	Certified Drafter - Architectural	American Design Drafting Association	Yes	No	Architecture & Construction
AMDDA004	Certified Drafter - Mechanical	American Design Drafting Association	Yes	No	Architecture & Construction
AMDDA005	Certified Apprentice Drafter - Mechanical	American Design Drafting Association	No	No	Architecture & Construction
AMEDT002	Medical Laboratory Technician	American Medical Technologists (AMT)	Yes	No	Health Science
AMEDT004	Registered Medical Assistant (RMA)	American Medical Technologists (AMT)	Yes	No	Health Science
AMEDT005	Registered Phlebotomy Technician (RPT)	American Medical Technologists (AMT)	No	No	Health Science
AMMSA001	Food Safety and Science Certification	American Meat Science Association	No	No	Agriculture, Food & Natural Resources
AMOPT001	Certified Paraoptometric Assistant (CPOA)	American Optometric Association	Yes	No	Health Science
AMRRT002	Registered Technologist (Radiography)	American Registry of Radiologic Technologists	Yes	No	Health Science
AMRRT003	Radiologic Technologist (Sonography)	American Registry of Radiologic Technologists	Yes	No	Health Science
AMRRT005	Registered Technologist - Quality Management (R.T.)	American Registry of Radiologic Technologists	Yes	No	Health Science
AMRRT006	Registered Technologist (Nuclear Medicine)	American Registry of Radiologic Technologists	Yes	No	Health Science
AMRRT007	Registered Technologist (Radiation Therapy)	American Registry of Radiologic Technologists	Yes	No	Health Science

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
AMRRT008	Computed Tomography (CT)	American Registry of Radiologic Technologists	Yes	No	Health Science
AMRRT009	Registered Technologist-Cardiac Interventional Radiography (CI)	American Registry of Radiologic Technologists (AART)	Yes	No	Health Science
AMRRT010	Registered Technologist - Magnetic Resonance Imaging (MRI)	American Registry of Radiologic Technologists (AART)	Yes	No	Health Science
AMRRT011	Registered Technologist - Mammography (M)	American Registry of Radiologic Technologists (AART)	Yes	No	Health Science
AMRRT012	Registered Technologist - Vascular Interventional Radiography (VI)	American Registry of Radiologic Technologists (AART)	Yes	No	Health Science
AMSCP001	Histotechnologist, HTL(ASCP)	American Society of Clinical Pathology	Yes	No	Health Science
AMSCP002	Medical Laboratory Technician (MLT(ASCP))	American Society of Clinical Pathology	Yes	No	Health Science
AMSCP005	Medical Laboratory Scientist (MLS)	American Society of Clinical Pathology	Yes	No	Health Science
AMSFQ001	Manager of Quality/Organizational Excellence	American Society for Quality	Yes	No	Business, Management & Administration
AMSFQ006	Quality Improvement Associate (CQIA)	American Society for Quality	Yes	No	Manufacturing
AMSFQ011	Six Sigma Black Belt (CSSBB)	American Society for Quality	Yes	No	Business, Management & Administration
AMSFQ012	Six Sigma Green Belt (CSSGB)	American Society for Quality	Yes	No	Business, Management & Administration
AMSPT002	Certified Phlebotomy Technician	American Society of Phlebotomy Technicians	No	No	Health Science
AMSTL004	Professional Designation in Supply Chain Management (PLS)	Association of Supply Chain Management (ASCM)	Yes	No	Transportation, Distribution & Logistics
APICS001	Certified in Logistics, Transportation, and Distribution (CLTD)	Association of Supply Chain Management (ASCM)	Yes	No	Transportation, Distribution & Logistics
APPLE021	Apple App Development with Swift Certification Level 1	Apple, Inc.	No	No	Information Technology
ARDMS001	Registered Diagnostic Cardiac Sonographer (RDCS)	American Registry for Diagnostic Medical Sonography	Yes	No	Health Science
ARDMS002	Registered Diagnostic Medical Sonographer (RDMS)	American Registry for Diagnostic Medical Sonography	Yes	No	Health Science
ARDMS003	Registered Vascular Technologist	American Registry for Diagnostic Medical Sonography	Yes	No	Health Science
AWELD003	AWS Certified Welder - FCAW Plate	American Welding Society	Yes	No	Manufacturing
AWELD004	AWS Certified Welder - GMAW Plate	American Welding Society	Yes	No	Manufacturing
AWELD005	AWS Certified Welder - GTAW Pipe (Carbon Steel)	American Welding Society	Yes	No	Manufacturing
AWELD006	AWS Certified Welder - GTAW Pipe (Stainless Steel to Carbon Steel)	American Welding Society	Yes	No	Manufacturing
AWELD007	AWS Certified Welder - GTAW Pipe (Stainless Steel)	American Welding Society	Yes	No	Manufacturing
AWELD008	AWS Certified Welder - GTAW Plate	American Welding Society	Yes	No	Manufacturing
AWELD009	AWS Certified Welder - GTAW/SAW Pipe (Carbon Steel)	American Welding Society	Yes	No	Manufacturing
AWELD010	AWS Certified Welder - GTAW/SAW Pipe (Chrome PWHT)	American Welding Society	Yes	No	Manufacturing
AWELD011	AWS Certified Welder - SAW Pipe	American Welding Society	Yes	No	Manufacturing
AWELD012	AWS Certified Welder - SAW Plate	American Welding Society	Yes	No	Manufacturing
AWELD013	AWS Certified Welder - S.S 18 Gauge through 10 Gauge	American Welding Society	Yes	No	Manufacturing
AWELD014	AWS Certified Welder - GTAW/SAW Pipe (Combo Carbon Steel)	American Welding Society	Yes	No	Manufacturing
BNENT001	Certified Hemodialysis Technologist/Technician	Board of Nephrology Examiners Inc. Nursing and Technology	Yes	No	Health Science
BRPST001	Registered Polysomnographic Technologist	Board of Registered Polysomnographic Technologists	Yes	No	Health Science

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
CARCH002	Chief Architect Certified Apprentice	Chief Architect, Inc.	No	No	Architecture & Construction
CCINT002	Registered Cardiac Sonographer (RCS)	Cardiovascular Credentialing International	Yes	No	Health Science
CCINT003	Registered Cardiovascular Invasive Specialist	Cardiovascular Credentialing International	Yes	No	Health Science
CCINT004	Registered Vascular Specialist	Cardiovascular Credentialing International	Yes	No	Health Science
CDREG001	Dietetic Technician, Registered (DTR)	Commission on Dietetic Registration	Yes	No	Health Science
CERHB001	Biotechnician Assistant	Center for Excellence for Regenerative Health Biotechnology at University of Florida	No	No	Manufacturing
CERTI003	Information Technology Specialist (ITS) - Databases	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI004	Information Technology Specialist (ITS) – Software Development	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI005	Information Technology Specialist (ITS) - Device and Configuration Management	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI006	Information Technology Specialist (ITS) – Network Security	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI007	Information Technology Specialist (ITS) - Networking	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI008	Information Technology Specialist (ITS) - HTML5 Application Development	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI009	Information Technology Specialist (ITS) - Device Configuration and Management	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI010	Information Technology Specialist (ITS) - JavaScript	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI011	Information Technology Specialist (ITS) - HTML and CSS	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI012	Information Technology Specialist (ITS) - Python	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI013	Information Technology Specialist (ITS) - Java	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI014	Information Technology Specialist (ITS) - Cloud Computing	Certiport, A Pearson VUE Business	No	No	Information Technology
CERTI802	IC3 Spark	Certiport, A Pearson VUE Business	No	Yes	Not applicable
CERTI803	IC3 - Computing Fundamentals	Certiport, A Pearson VUE Business	No	Yes	Not applicable
CERTI804	IC3 - Key Applications	Certiport, A Pearson VUE Business	No	Yes	Not applicable
CERTI805	IC3 - Living Online	Certiport, A Pearson VUE Business	No	Yes	Not applicable
CERTI806	IC3 Digital Literacy Level 1	Certiport, A Pearson VUE Business	No	Yes	Not applicable
CERTI807	IC3 Digital Literacy Level 2	Certiport, A Pearson VUE Business	No	Yes	Not applicable
CERTI808	IC3 Digital Literacy Level 3	Certiport, A Pearson VUE Business	No	Yes	Not applicable
CISCO010	Cisco Certified Design Expert (CCDE)	Cisco Systems, Inc.	Yes	No	Information Technology
CISCO026	Cisco Certified Network Associate (CCNA)	Cisco Systems, Inc.	Yes	No	Information Technology
CITRX004	Citrix Certified Administrator (CCA)- XenApp	Citrix Systems Incorporated	Yes	No	Information Technology
COMPT001	CompTIA A+	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology
COMPT005	CompTIA Linux+	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology
COMPT006	CompTIA Network+	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology
COMPT007	CompTIA Project+	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology
COMPT008	CompTIA Security+	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology
COMPT009	CompTIA Server+	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology
COMPT014	CompTIA Cloud+	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
COMPT016	CompTIA Cybersecurity Analyst (CySA+)	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology
COMPT017	CompTIA Advanced Security Practitioner (CASP)	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology
COMPT018	CompTIA IT Fundamentals+	Computing Technology Industry Association (CompTIA)	No	No	Information Technology
COMPT019	CompTIA PenTest+	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology
COMPT020	CompTIA Cloud Essentials+	Computing Technology Industry Association (CompTIA)	Yes	No	Information Technology
CPREC001	Child Development Associate (CDA)	Council for Professional Recognition	No	No	Education & Training
CPSTL001	Check Point Certified Security Administrator (CCSA)	Check Point Software Technologies Ltd.	Yes	No	Information Technology
CPSTL002	Check Point Certified Security Expert (CCSE)	Check Point Software Technologies Ltd.	Yes	No	Information Technology
CSCMP001	SCPro Fundamentals Bundle (8 exams)	Council of Supply Chain Management Professionals	Yes	No	Transportation, Distribution & Logistics
CWNPT001	Certified Wireless Network Administrator (CWNA)	CWNP	Yes	No	Information Technology
DANBD001	Certified Dental Assistant (CDA)	Dental Assisting National Board	Yes	No	Health Science
DIGIT802	Rapid Prototyping & 3D Design Beginner	Digital Quest, Inc.	No	Yes	Not applicable
DIGIT803	GIS Essentials Certification	Digital Quest, Inc.	No	Yes	Not applicable
DUCKS001	Ecology Conservation and Management Certification	Ducks Unlimited	No	No	Agriculture, Food & Natural Resources
ELANC001	Fundamentals of Animal Science Certification	Elanco	No	No	Agriculture, Food & Natural Resources
EMCSQ001	Information Storage and Management (EMCISA) Associate	EMC	Yes	No	Information Technology
ENTCP001	ETCP Certified Entertainment Electrician	Entertainment Technician Certification Program (ETCP)	Yes	No	Arts, A/V Technology & Communication
ESRIC001	ArcGIS Desktop Entry	ESRI	No	No	Information Technology
ETAIN002	Fiber Optics Installer (FOI)	Electronics Technician Association International	Yes	No	Arts, A/V Technology & Communication
ETAIN006	Avionics Electronics Technician	Electronics Technician Association International	No	No	Transportation, Distribution & Logistics
ETAIN008	Associate Certified Electronics Technician (CETa)	Electronics Technician Association International	Yes	No	Manufacturing
ETAIN009	Data Cabling Installer Certification (DCIC)	Electronics Technician Association International	Yes	No	Arts, A/V Technology & Communication
ETAIN010	Fiber Optics Technician (FOT)	Electronics Technician Association International	Yes	No	Arts, A/V Technology & Communication
ETAIN011	Fiber Optics Technician-Outside Plant (FOT-OSP)	Electronics Technician Association International	Yes	No	Arts, A/V Technology & Communication
ETAIN012	Photonics Technician - Operator (PTO)	Electronics Technician Association International	Yes	No	Arts, A/V Technology & Communication
ETAIN013	Photonics Technician Specialist (PTS)	Electronics Technician Association International	Yes	No	Arts, A/V Technology & Communication
ETAIN014	Photovoltaic Installer (PVI) - Level 1	Electronics Technician Association International	Yes	No	Energy
ETAIN019	Small Wind Installer (SWI) - Level 1	Electronics Technician Association International	Yes	No	Energy
ETAIN022	Specialist in Precision Optics (SPO)	Electronics Technician Association International	Yes	No	Arts, A/V Technology & Communication
ETAIN023	Technician in Precision Optics (TPO)	Electronics Technician Association International	Yes	No	Arts, A/V Technology & Communication

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
FABLE801	Animation-ish	FableVision Learning	No	Yes	Not applicable
FABLE802	FabMaker Studio Certification	FableVision Learning	No	Yes	Not applicable
FASMB001	Massage and Bodywork Licensing Examination	Federation of State Massage Therapy Boards	Yes	No	Health Science
FDMQA002	Certified Nursing Assistant (CNA)	Florida Department of Health	Yes	No	Health Science
FDMQA010	Licensed Dental Hygienist	Florida Department of Health	Yes	No	Health Science
FDMQA014	Paramedic (EMT-P)	Florida Department of Health	Yes	No	Health Science
FDMQA018	Licensed Physical Therapist Assistant	Florida Department of Health	Yes	No	Health Science
FDMQA025	Licensed Optician	Florida Department of Health	Yes	No	Health Science
FDMQA030	911 Public Safety Telecommunicator	Florida Department of Health	Yes	No	Law, Public Safety & Security
FEDAA002	FAA Aviation Maintenance Technician - General	Federal Aviation Administration	Yes	No	Transportation, Distribution & Logistics
FEDAA004	FAA Aviation Mechanic Technician - Airframe	Federal Aviation Administration	Yes	No	Transportation, Distribution & Logistics
FEDAA010	FAA Aviation Maintenance Technician - Powerplant	Federal Aviation Administration	Yes	No	Transportation, Distribution & Logistics
FEDAA011	FAA Private Pilot	Federal Aviation Administration	No	No	Transportation, Distribution & Logistics
FEDAA013	FAA Ground School	Federal Aviation Administration	No	No	Transportation, Distribution & Logistics
FEDAA015	FAA Ground Instructor - Basic	Federal Aviation Administration	No	No	Transportation, Distribution & Logistics
FLADA001	Florida Automobile Dealers Association (FADA) Certified Technician	Florida Automobile Dealers Association	No	No	Transportation, Distribution & Logistics
FLAQA001	Aquaculture Technician	Florida Aquaculture Association	No	No	Agriculture, Food & Natural Resources
FLDEP003	Wastewater Treatment Plant Operator Level C	Florida Department of Environmental Protection	No	No	Agriculture, Food & Natural Resources
FLDEP006	Water Treatment Plant Operator Level C	Florida Department of Environmental Protection	No	No	Agriculture, Food & Natural Resources
FLDEP007	Water Treatment Plant Operator Level D	Florida Department of Environmental Protection	No	No	Agriculture, Food & Natural Resources
FLDEP008	Wastewater Treatment Plant Operator Level D	Florida Department of Environmental Protection	No	No	Agriculture, Food & Natural Resources
FLDLE002	Correctional Officer	Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission	Yes	No	Law, Public Safety & Security
FLDLE003	Correctional Probation Officer	Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission	Yes	No	Law, Public Safety & Security
FLDLE004	Law Enforcement Officer	Florida Department of Law Enforcement, Criminal Justice Standards and Training Commission	Yes	No	Law, Public Safety & Security
FLENG001	Engineering Core certification	Florida Engineering Society	No	No	Engineering and Technology Education
FLFBR001	Agritechnology Specialist Certification	Agricultural Education Services and Technology Inc.	No	No	Agriculture, Food & Natural Resources
FLFBR002	Agricultural Biotechnology Specialist Certification	Agricultural Education Services and Technology Inc.	No	No	Agriculture, Food & Natural Resources
FLFBR003	Agricultural Communications Specialist Certification	Agricultural Education Services and Technology Inc.	No	No	Agriculture, Food & Natural Resources
FLFBR004	Agricultural Mechanics Specialist Certification	Agricultural Education Services and Technology Inc.	No	No	Agriculture, Food & Natural Resources
FLFBR005	Animal Science Specialist Certification	Agricultural Education Services and Technology Inc.	No	No	Agriculture, Food & Natural Resources
FLFBR006	Agricultural Unmanned Aircraft Systems Specialist Certification	Agricultural Education Services and Technology Inc.	Yes	No	Agriculture, Food & Natural Resources

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
FLFBR007	Agriculture Associate Certification	Agricultural Education Services and Technology Inc.	No	No	Agriculture, Food & Natural Resources
FLFBR008	Forestry Specialist Certification	Agricultural Education Services and Technology Inc.	No	No	Agriculture, Food & Natural Resources
FLFBR009	Agriculture Systems Associate Certification	Agricultural Education Services and Technology Inc.	No	No	Agriculture, Food & Natural Resources
FLFBR010	Natural Resources Specialist Certification	Agricultural Education Services and Technology Inc.	No	No	Agriculture, Food & Natural Resources
FLSFM005	Fire Fighter I	Florida Department of Financial Services, State Fire Marshal, Bureau of Fire Standards & Training	No	No	Law, Public Safety & Security
FLSFM006	Fire Fighter II	Florida Department of Financial Services, State Fire Marshal, Bureau of Fire Standards & Training	Yes	No	Law, Public Safety & Security
FLSFM007	Fire Safety Inspector I	Florida Department of Financial Services, State Fire Marshal, Bureau of Fire Standards & Training	Yes	No	Law, Public Safety & Security
FLSFM014	Fire Officer II	Florida Department of Financial Services, State Fire Marshal, Bureau of Fire Standards & Training	Yes	No	Law, Public Safety & Security
FLVMA002	Certified Veterinary Assistant (CVA)	Florida Veterinary Medical Association	No	No	Agriculture, Food & Natural Resources
FNGLA001	Certified Horticulture Professional	Florida Nursery Growers and Landscape Association	No	No	Agriculture, Food & Natural Resources
FNGLA003	Certified Landscape Maintenance Technician	Florida Nursery Growers and Landscape Association	No	No	Agriculture, Food & Natural Resources
FNGLA004	Certified Landscape Technician	Florida Nursery Growers and Landscape Association	No	No	Agriculture, Food & Natural Resources
GLIAC001	GIAC Certified Forensic Analyst (GCFA)	Global Information Assurance Certification	Yes	No	Information Technology
GLIAC002	GIAC Certified Forensic Examiner (GCFE)	Global Information Assurance Certification	Yes	No	Information Technology
GLIAC003	GIAC Certified UNIX Security Administrator (GCUX)	Global Information Assurance Certification	Yes	No	Information Technology
GLIAC004	GIAC Information Security Fundamentals (GISF)	Global Information Assurance Certification	Yes	No	Information Technology
GLIAC005	GIAC Security Essentials (GSEC)	Global Information Assurance Certification	Yes	No	Information Technology
GLIAC006	GIAC Cloud Security Automation	Global Information Assurance Certification	Yes	No	Information Technology
GLIAC007	GIAC Cloud Security Essentials	Global Information Assurance Certification	Yes	No	Information Technology
GOOGL001	Google Associate Cloud Engineer	Google	Yes	No	Information Technology
GRBCI002	LEED Green Associate	Green Building Certification Institute	No	No	Architecture & Construction
HBINS002	Pre-Apprenticeship Certificate Training (PACT), Building Construction Technology	Home Builders Institute	No	No	Architecture & Construction
HBINS003	HBI Pre-Apprenticeship Certificate Training (PACT), Carpentry	Home Builders Institute	No	No	Architecture & Construction
HBINS004	HBI Pre-Apprenticeship Certificate Training (PACT), Core	Home Builders Institute	No	No	Architecture & Construction
HBINS005	HBI Pre-Apprenticeship Certificate Training (PACT), Core Green	Home Builders Institute	No	No	Architecture & Construction
HBINS006	HBI Pre-Apprenticeship Certificate Training (PACT), Electrical	Home Builders Institute	No	No	Architecture & Construction
HIMSS001	Certified Associate in Healthcare Information & Management Systems	Healthcare Information and Management Systems Society (HIMSS)	Yes	No	Health Science
HVACE001	HVAC Excellence Employment Ready - Heat Pump	HVAC Excellence	Yes	No	Architecture & Construction
HVACE002	HVAC Excellence Employment Ready - Air Conditioning	HVAC Excellence	Yes	No	Architecture & Construction

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
HVACE003	HVAC Excellence Employment Ready - Light Commercial Air Conditioning	HVAC Excellence	Yes	No	Architecture & Construction
HVACE004	HVAC Excellence Employment Ready - Electric Heat	HVAC Excellence	Yes	No	Architecture & Construction
HVACE005	HVAC Excellence Employment Ready - Light Commercial Refrigeration	HVAC Excellence	Yes	No	Architecture & Construction
HVACE006	HVAC Excellence Employment Ready - Gas Heat	HVAC Excellence	Yes	No	Architecture & Construction
HVACE011	HVAC Excellence Employment Ready - Electrical	HVAC Excellence	Yes	No	Architecture & Construction
HVACE015	HVAC Excellence Professional Level - Heat Pump Service	HVAC Excellence	Yes	No	Architecture & Construction
IASSC001	IASSC Certified Black Belt	International Association For Six Sigma Certification	Yes	No	Manufacturing
ICOEC002	Certified Ethical Hacker (CEH)	EC-Council	Yes	No	Information Technology
ICOEC003	Computer Hacking Forensic Investigator (CHFI)	EC-Council	Yes	No	Information Technology
ICOEC004	Certified Security Analyst (ECSA)	EC-Council	Yes	No	Information Technology
ICOEC005	EC-Council Cyber Forensics Associate	EC-Council	No	No	Information Technology
ICOEC006	EC-Council Ethical Hacker Associate	EC-Council	No	No	Information Technology
ICOEC007	EC-Council Certified Incident Handler (ECIH)	EC-Council	Yes	No	Information Technology
ICOEC008	EC-Council Certified Network Defender (CND)	EC-Council	Yes	No	Information Technology
ICOEC009	EC-Council Certified Security Operations Center (SOC) Analyst (CSA)	EC-Council	Yes	No	Information Technology
IECON001	Field Service Engineer - Low Voltage Systems	Independent Electrical Contractors	Yes	No	Architecture & Construction
IECON002	Field Service Engineer - Voice-Data-Video	Independent Electrical Contractors	Yes	No	Architecture & Construction
IECON003	Journeyman Electrician	Independent Electrical Contractors	Yes	No	Architecture & Construction
IECON004	Residential Wireman	Independent Electrical Contractors	Yes	No	Architecture & Construction
IISSC001	CISSP- Information Systems Security Management Professional (CISSP-ISSMP)	International Information Systems Security Certification Consortium, Inc.	Yes	No	Information Technology
IISSC002	Systems Security Certified Practitioner (SSCP)	International Information Systems Security Certification Consortium, Inc.	Yes	No	Information Technology
IISSC003	Certified Cyber Forensics Professional (CCFP)	International Information Systems Security Certification Consortium, Inc.	Yes	No	Information Technology
IISSC004	Certified Information Systems Security Professional (CISSP)	International Information Systems Security Certification Consortium, Inc.	Yes	No	Information Technology
INSOC002	Certified Automation Professional (CAP)	International Society of Automation	Yes	No	Manufacturing
INSOC005	Certified Control Systems Technician (CCST) - Level 3	International Society of Automation	Yes	No	Manufacturing
INTUT001	QuickBooks Certified User	Intuit	No	No	Business, Management & Administration
INTUT002	Entrepreneurship & Small Business	Intuit	No	No	Marketing, Sales & Service
INTUT003	Master Entrepreneurship Certification	Intuit	No	No	Marketing, Sales & Service
ISOGR801	TOSA®DigComp	Isograd	No	Yes	Not applicable
ISOGR802	TOSA® CyberCitizen	Isograd Inc.	No	Yes	Not applicable
ISOGR803	TOSA® Google Docs	Isograd Inc.	No	Yes	Not applicable
ISOGR804	TOSA® Google Sheets	Isograd Inc.	No	Yes	Not applicable
ISOGR805	TOSA® Google Slides	Isograd Inc.	No	Yes	Not applicable
JCAHO001	Certified Ophthalmic Medical Technologist (COMT)	Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO)	Yes	No	Health Science
JCAHO002	Certified Ophthalmic Technician (COT)	Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO)	Yes	No	Health Science
KNOWL001	Python Coding Specialist	Knowledge Pillars LLC	Yes	No	Information Technology
KNOWL002	WordPress Certified Editor	Knowledge Pillars LLC	Yes	No	Information Technology
KNOWL003	HTML/CSS Coding Specialist	Knowledge Pillars LLC	Yes	No	Information Technology
KNOWL004	JavaScript Coding Specialist	Knowledge Pillars LLC	Yes	No	Information Technology

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
KNOWL801	Python Coding Apprentice (PCA)	Knowledge Pillars LLC	No	Yes	Not applicable
LINPI001	Linux Essentials 010	Linux Professional Institute	No	No	Information Technology
MANSI001	Manufacturing Technician 1 (MT1)	Manufacturing Skills Institute (MSI)	Yes	No	Manufacturing
MICRO017	Microsoft Office Specialist: Microsoft Office 2016 Master Specialist (Word Expert; Excel Expert; PowerPoint; Access or Outlook)	Microsoft Corporation	No	No	Information Technology
MICRO052	Microsoft Certified Trainer (MCT)	Microsoft Corporation	Yes	No	Information Technology
MICRO082	Microsoft Certified Solutions Associate (MCSA) - SQL Server 2012	Microsoft Corporation	Yes	No	Information Technology
MICRO107	Microsoft Certified Solutions Expert (MCSE) - Data Management and Analytics	Microsoft Corporation	Yes	No	Information Technology
MICRO111	Microsoft Certified Solutions Developer (MCSD) - App Builder	Microsoft Corporation	Yes	No	Information Technology
MICRO116	Windows Server Administration Fundamentals	Microsoft Corporation	Yes	No	Information Technology
MICRO117	Microsoft 365 Certified: Enterprise Administrator Expert	Microsoft Corporation	Yes	No	Information Technology
MICRO118	Microsoft 365 Certified: Modern Desktop Administrator Associate	Microsoft Corporation	Yes	No	Information Technology
MICRO119	Microsoft 365 Certified: Security Administrator Associate	Microsoft Corporation	Yes	No	Information Technology
MICRO120	Microsoft Certified: Azure Administrator Associate	Microsoft Corporation	Yes	No	Information Technology
MICRO121	Microsoft Certified: Azure AI Engineer Associate	Microsoft Corporation	Yes	No	Information Technology
MICRO122	Microsoft Certified: Power Platform Developer Associate	Microsoft Corporation	Yes	No	Information Technology
MICRO123	Microsoft 365 Certified: Fundamentals	Microsoft Corporation	No	No	Information Technology
MICRO124	Microsoft Certified: Azure AI Fundamentals	Microsoft Corporation	No	No	Information Technology
MICRO125	Microsoft Certified: Azure Data Fundamentals	Microsoft Corporation	No	No	Information Technology
MICRO126	Microsoft Certified: Azure Fundamentals	Microsoft Corporation	No	No	Information Technology
MICRO128	Microsoft Certified: Power Platform Fundamentals	Microsoft Corporation	No	No	Information Technology
MICRO129	Microsoft Certified: Azure Developer Associate	Microsoft Corporation	Yes	No	Information Technology
MICRO130	Microsoft Certified: Data Analyst Associate	Microsoft Corporation	Yes	No	Information Technology
MICRO801	Microsoft Office Specialist: Microsoft Office Excel	Microsoft Corporation	No	Yes	Not applicable
MICRO802	Microsoft Office Specialist: Microsoft Office Word	Microsoft Corporation	No	Yes	Not applicable
MICRO803	Microsoft Office Specialist: Microsoft Office PowerPoint	Microsoft Corporation	No	Yes	Not applicable
MSSCN001	MSSC Certified Production Technician (CPT)	Manufacturing Skills Standards Council (MSSC)	Yes	No	Manufacturing
MSSCN002	MSSC Certified Logistics Technician (CLT)	Manufacturing Skills Standards Council (MSSC)	Yes	No	Transportation, Distribution & Logistics
NASME001	NASM Certified Personal Trainer (CPT)	National Academy of Sports Medicine	Yes	No	Health Science
NATEX001	Air Conditioning Service Technician	North American Technician Excellence	Yes	No	Architecture & Construction
NATEX002	Air Conditioning Installation Specialization	North American Technician Excellence	Yes	No	Architecture & Construction
NATEX003	Air to Air Heat Pump Installation Technician	North American Technician Excellence	Yes	No	Architecture & Construction
NATEX004	Air to Air Heat Pump Service Technician	North American Technician Excellence	Yes	No	Architecture & Construction
NATHA002	Certified EKG Technician (CET)	National Healthcareer Association	Yes	No	Health Science
NATHA003	Certified Medical Administrative Assistant (CMAA)	National Healthcareer Association	Yes	No	Health Science
NATHA006	Certified Patient Care Technician (CPCT)	National Healthcareer Association	Yes	No	Health Science
NATHA007	Certified Phlebotomy Technician (CPT)	National Healthcareer Association	No	No	Health Science
NATHA008	Certified Billing & Coding Specialist (CBCS)	National Healthcareer Association	Yes	No	Health Science
NATHA009	Certified Clinical Medical Assistant (CCMA)	National Healthcareer Association	Yes	No	Health Science
NATHA010	Certified Pharmacy Technician (CPhT)	National Healthcareer Association	Yes	No	Health Science
NATHA011	Certified Electronic Health Record Specialist (CEHRS)	National Healthcareer Association	Yes	No	Health Science

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
NBCOT001	Orthopaedic Technologist Certified (OTC)	National Board for Certification of Orthopaedic Technologists	Yes	No	Health Science
NBFOT001	Certified Occupational Therapy Assistant	National Board for Certification in Occupational Therapy	Yes	No	Health Science
NBFR001	Certified Respiratory Therapist (CRT)	National Board for Respiratory Care	Yes	No	Health Science
NBFR002	Registered Respiratory Therapist (RRT)	National Board for Respiratory Care	Yes	No	Health Science
NBOST001	Certified Surgical Technologist	The National Board of Surgical Technology and Surgical Assisting	Yes	No	Health Science
NCATT001	Aircraft Electronics Technician (AET)	National Center for Aerospace and Transportation Technologies (NCATT)	Yes	No	Transportation, Distribution & Logistics
NCATT003	Aerospace / Aircraft Assembly (AAA)	National Center for Aerospace and Transportation Technologies (NCATT)	No	No	Transportation, Distribution & Logistics
NCCER005	NCCER Carpentry - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER008	NCCER Construction Technology (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER010	NCCER Electrical - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER018	NCCER HVAC - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER025	NCCER Masonry - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER026	NCCER Plumbing - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER032	NCCER Carpentry - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER033	NCCER Carpentry - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER034	NCCER Carpentry - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER036	NCCER Concrete Finishing - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER038	NCCER Electrical - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER039	NCCER Electrical - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER040	NCCER Electrical - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER044	NCCER Masonry - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER045	NCCER Masonry - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER061	NCCER Welding- Level 1	NCCER	No	No	Manufacturing
NCCER062	NCCER Welding - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Manufacturing
NCCER069	NCCER Plumbing - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER070	NCCER Plumbing - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
NCCER071	NCCER Plumbing - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER081	NCCER HVAC - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER082	NCCER HVAC - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER083	NCCER HVAC - Level 4 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Architecture & Construction
NCCER084	NCCER Industrial Maintenance Mechanic - Level 1 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Manufacturing
NCCER085	NCCER Industrial Maintenance Mechanic - Level 2 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Manufacturing
NCCER086	NCCER Industrial Maintenance Mechanic - Level 3 (Secondary)	National Center for Construction Education & Research (NCCER)	No	No	Manufacturing
NCCER211	NCCER Electrical - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	Yes	No	Architecture & Construction
NCCER222	NCCER HVAC - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	Yes	No	Architecture & Construction
NCCER249	NCCER Pipefitting - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	Yes	No	Architecture & Construction
NCCER253	NCCER Plumbing - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	Yes	No	Architecture & Construction
NCCER265	NCCER Welding - Level 3 (Postsecondary)	National Center for Construction Education & Research (NCCER)	Yes	No	Manufacturing
NCCER267	NCCER Industrial Maintenance, Electrical & Instrumentation Technician - Level 4 (Postsecondary)	National Center for Construction Education & Research (NCCER)	Yes	No	Manufacturing
NCFCT001	National Certified ECG Technician (NCET)	National Center for Competency Testing (NCCT)	Yes	No	Health Science
NCFCT003	National Certified Phlebotomy Technician	National Center for Competency Testing (NCCT)	No	No	Health Science
NCFCT004	Tech in Surgery - Certified (NCCT)	National Center for Competency Testing	Yes	No	Health Science
NCFCT005	Medical Assistant	National Center for Competency Testing (NCCT)	Yes	No	Health Science
NCFCT006	National Certified Insurance and Coding Specialist (NCICS)	National Center for Competency Testing	Yes	No	Health Science
NCFCT007	National Certified Medical Office Assistant (NCMOA)	National Center for Competency Testing (NCCT)	Yes	No	Health Science
NCFCT008	National Certified Patient Care Technician (NCPCT)	National Center for Competency Testing (NCCT)	Yes	No	Health Science
NCSAF001	Certified Strength Coach	National Council on Strength and Fitness (NCSF)	Yes	No	Health Science
NCSAF002	Certified Personal Trainer	National Council on Strength and Fitness (NCSF)	Yes	No	Health Science
NCSAF003	Sport Nutrition Specialist	National Council on Strength and Fitness (NCSF)	Yes	No	Health Science
NCSBN001	National Licensed Registered Nurse (NCLEX-RN)	National Council of State Boards of Nursing	Yes	No	Health Science
NCSBN002	National Licensed Practical Nurse (NCLEX-PN)	National Council of State Boards of Nursing	Yes	No	Health Science
NIASE001	ASE - Advanced Engine Performance Specialist (L1)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
NIASE005	ASE Automobile/Light Truck Technician: Automatic Transmission/Transaxle (A2)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE007	ASE Automobile/Light Truck Technician: Brakes (A5)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE008	ASE Automobile/Light Truck Technician: Electrical/Electronic Systems (A6)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE009	ASE Automobile/Light Truck Technician: Engine Performance (A8)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE010	ASE Automobile/Light Truck Technician: Engine Repair (A1)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE011	ASE Automobile/Light Truck Technician: Heating and Air Conditioning (A7)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE012	ASE Automobile/Light Truck Technician: Manual Drive Train and Axles (A3)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE014	ASE Automobile/Light Truck Technician: Suspension and Steering (A4)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE016	ASE Medium/Heavy Truck Technician: Brakes (T4)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE017	ASE Collision Repair and Refinishing Technician: Mechanical and Electrical Components (B5)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE018	ASE - Non-structural Analysis and Damage Repair (B3)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE020	ASE Medium/Heavy Truck Technician: Diesel Engines (T2)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE021	ASE Medium/Heavy Truck Technician: Drive Train (T3)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE023	ASE Medium/Heavy Truck Technician: Electrical/Electronic Systems (T6)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE025	ASE - Gasoline Engines (T1)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE026	ASE Medium/Heavy Truck Technician: Heating, Ventilation, and A/C (HVAC) (T7)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE029	ASE Collision Repair and Refinishing Technician: Painting and Refinishing (B2)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE031	ASE Medium/Heavy Truck Technician: Preventive Maintenance Inspection (PMI) (T8)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE032	ASE - Structural Analysis and Damage Repair (B4)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE033	ASE Medium/Heavy Truck Technician: Suspension and Steering (T5)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE053	ASE - Compressed Natural Gas (CNG) Engines (H1)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE054	ASE - Diesel Engines (H2)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE055	ASE - Drive Train (H3)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE056	ASE - Brakes (H4)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE057	ASE - Suspension and Steering (H5)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
NIASE058	ASE - Electrical/Electronic Systems (H6)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE059	ASE - Heating Ventilation and Air Conditioning (HVAC) (H7)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE060	ASE - Preventive Maintenance and Inspection (PMI) (H8)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE061	ASE - Alternate Fuels (F1)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE071	ASE - Light Vehicle Diesel Engines (A9)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIASE076	ASE Auto Maintenance and Light Repair (G1)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE077	ASE Entry-level - Auto: Automatic Transmission/Transaxle (AT)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE078	ASE Entry-level - Auto: Automobile Service Technology (AS)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE079	ASE Entry-level - Auto: Brakes (BR)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE080	ASE Entry-level - Auto: Electrical/Electronic Systems (EE)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE081	ASE Entry-level - Auto: Engine Performance (EP)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE082	ASE Entry-level - Auto: Engine Repair (ER)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE083	ASE Entry-level - Auto: Heating and Air Conditioning (AC)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE084	ASE Entry-level - Auto: Manual Drive Train and Axles (MD)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE085	ASE Entry-level - Auto: Suspension and Steering (SS)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE086	ASE Entry-level - Collision: Mechanical and Electrical (ME)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE087	ASE Entry-level - Collision: Non-structural Analysis and Damage Repair (NS)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE088	ASE Entry-level - Collision: Painting and Refinishing (PR)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE089	ASE Entry-level - Collision: Structural Analysis and Damage Repair (SR)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE090	ASE Entry-level - Truck: Brakes (TB)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE091	ASE Entry-level - Truck: Diesel Engines (DE)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE092	ASE Entry-level - Truck: Electrical/Electronic Systems (TE)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE093	ASE Entry-level - Truck: Steering & Suspension (TS)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE094	ASE Entry-level - Truck: Inspection, Maintenance, and Minor Repair (IM)	National Institute for Automotive Service Excellence	No	No	Transportation, Distribution & Logistics
NIASE095	ASE Light Duty Hybrid/Electric Vehicle Specialist Certification Test (L3)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
NIASE096	ASE Undercar Specialist Exhaust Systems (X1)	National Institute for Automotive Service Excellence	Yes	No	Transportation, Distribution & Logistics
NIFMS001	NIMS Machining Level I - CNC Milling: Programming Setup & Operations	National Institute for Metalworking Skills (NIMS)	No	No	Manufacturing
NIFMS002	NIMS Machining Level I - CNC Turning: Programming Setup & Operations	National Institute for Metalworking Skills (NIMS)	No	No	Manufacturing
NIFMS003	NIMS Machining Level II - EDM - Plunge	National Institute for Metalworking Skills (NIMS)	Yes	No	Manufacturing
NIFMS004	NIMS Machining Level II - EDM - Wire	National Institute for Metalworking Skills (NIMS)	Yes	No	Manufacturing
NIFMS007	NIMS Machining Level II - Manual Milling Skills II	National Institute for Metalworking Skills (NIMS)	Yes	No	Manufacturing
NIFMS008	NIMS Machining Level I - Turning Operations: Turning Between Centers	National Institute for Metalworking Skills (NIMS)	No	No	Manufacturing
NIFMS010	NIMS Machining Level I - Turning Operations: Turning Chucking Skills	National Institute for Metalworking Skills (NIMS)	No	No	Manufacturing
NIFMS012	NIMS Machining Level II - Grinding Skills II	National Institute for Metalworking Skills (NIMS)	Yes	No	Manufacturing
NIFMS013	NIMS Machining Level I - Drill Press Skills I	National Institute for Metalworking Skills (NIMS)	No	No	Manufacturing
NIFMS014	NIMS Machining Level I - CNC Milling: Operations	National Institute for Metalworking Skills (NIMS)	No	No	Manufacturing
NIFMS016	NIMS Machining Level I - Grinding Skills I	National Institute for Metalworking Skills (NIMS)	No	No	Manufacturing
NIFMS017	NIMS Machining Level I - Manual Milling Skills I	National Institute for Metalworking Skills (NIMS)	No	No	Manufacturing
NIFMS018	NIMS Machining Level II - Drill Press Skills II	National Institute for Metalworking Skills (NIMS)	Yes	No	Manufacturing
NIFMS019	NIMS Machining Level II - CNC Milling Skills II	National Institute for Metalworking Skills (NIMS)	Yes	No	Manufacturing
NIFMS020	NIMS Machining Level II - CNC Turning Skills II	National Institute for Metalworking Skills (NIMS)	Yes	No	Manufacturing
NIFMS021	NIMS Industrial Technology Maintenance Level 1 Bundle (9 Exams)	National Institute for Metalworking Skills	Yes	No	Manufacturing
NJATC001	NJATC Electrical - Level 5	National Joint Apprenticeship and Training Committee	Yes	No	Architecture & Construction
NMTCB001	Certified Nuclear Medicine Technologist	Nuclear Medicine Technology Certification Board	Yes	No	Health Science
NMTCB002	Computed Tomography (CT)	Nuclear Medicine Technology Certification Board	Yes	No	Health Science
NNCCO001	Certified Clinical Hemodialysis Technician	Nephrology Nursing Certification Commission	Yes	No	Health Science
NRAEF003	Certified Food Protection Manager (ServSafe®)	National Restaurant Association Educational Foundation	No	No	Hospitality & Tourism
NREMT001	Emergency Medical Technician (EMT)	National Registry of Emergency Medical Technicians	Yes	No	Health Science
NREMT003	Emergency Medical Responder (EMR)	National Registry of Emergency Medical Technicians	Yes	No	Health Science
NRFSP001	Certified Food Safety Manager	National Registry of Food Safety Professionals	No	No	Hospitality & Tourism

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
NRFSP002	HACCP Certification	National Registry of Food Safety Professionals	No	No	Hospitality & Tourism
NSTSA001	Certified Surgical Technologist (CST)	National Board of Surgical Technologist and Surgical Assisting	Yes	No	Health Science
NSTSA002	Certified Surgical First Assistant (CSFA)	National Board of Surgical Technologist and Surgical Assisting	Yes	No	Health Science
OEDGP001	PCAP – Certified Associate in Python Programming	OpenEDG Python Institute	No	No	Information Technology
ORACL001	Oracle Certified Associate (OCA): Database	Oracle Corporation	Yes	No	Information Technology
ORACL002	Oracle Certified Professional (OCP): Database	Oracle Corporation	Yes	No	Information Technology
ORACL003	Oracle Certified Master (OCM): Database	Oracle Corporation	Yes	No	Information Technology
ORACL004	Oracle Certified Associate (OCA): Java Programmer	Oracle Corporation	Yes	No	Information Technology
ORACL005	Oracle Certified Professional (OCP): Java Programmer	Oracle Corporation	Yes	No	Information Technology
ORACL006	Oracle Certified Master (OCM): Java Developer	Oracle Corporation	Yes	No	Information Technology
PMMIN001	PMMI Mechatronics Certification: Fluid Power	PMMI	Yes	No	Manufacturing
PMMIN002	PMMI Mechatronics Certification: Industrial Electricity 2	PMMI	Yes	No	Manufacturing
PMMIN003	PMMI Mechatronics Certification: Mechanical Components 2	PMMI	Yes	No	Manufacturing
PMMIN004	PMMI Mechatronics Certification: Programmable Logic Controllers (PLCs) 2	PMMI	Yes	No	Manufacturing
PRMIN004	PMI Project Management Ready	Project Management Institute (PMI)	No	No	Business, Management & Administration
PRMIN005	PMI Agile Certified Practitioner	Project Management Institute	Yes	No	Manufacturing
PRODL801	Coding in Minecraft	Prodigy Learning	No	Yes	Not applicable
PROSO003	Certified Internet Web (CIW) E-Commerce Service Specialist	Certification Partners	Yes	No	Information Technology
PROSO006	Certified Internet Web (CIW) Database Design Specialist	Certification Partners	Yes	No	Information Technology
PROSO010	Certified Internet Web (CIW) Web Security Professional	Certification Partners	Yes	No	Information Technology
PROSO017	Certified Internet Web (CIW) JavaScript Specialist	Certification Partners	Yes	No	Information Technology
PROSO023	Certified Internet Web (CIW) Web Development Professional	Certification Partners	Yes	No	Information Technology
PROSO024	Certified Internet Web (CIW) Web Foundations Associate	Certification Partners	No	No	Information Technology
PROSO025	Certified Internet Web (CIW) Web Security Associate	Certification Partners	No	No	Information Technology
PROSO026	Certified Internet Web (CIW) Web Security Specialist	Certification Partners	Yes	No	Information Technology
PROSO027	Certified Internet Web (CIW) Advanced HTML5 & CSS3 Specialist	Certification Partners	Yes	No	Information Technology
PROSO030	Certified Internet Web (CIW) Data Analyst Specialist	Certification Partners	Yes	No	Information Technology
PROSO031	Certified Internet Web (CIW) Social Media Strategist	Certification Partners	No	No	Information Technology
PROSO032	Certified Internet Web (CIW) User Interface Designer	Certification Partners	No	No	Information Technology
PROSO801	ICT – Database Essentials	Certification Partners	No	Yes	Not applicable
PROSO802	ICT – Gaming Essentials	Certification Partners	No	Yes	Not applicable
PROSO803	ICT – Multimedia Essentials	Certification Partners	No	Yes	Not applicable
PROSO804	ICT – Programming & Logic Essentials	Certification Partners	No	Yes	Not applicable
PROSO805	ICT – Web Design Essentials	Certification Partners	No	Yes	Not applicable
PROSO806	ICT - Communications Essentials	Certification Partners	No	Yes	Not applicable
PROSO807	ICT - Computing Essentials	Certification Partners	No	Yes	Not applicable
PROSO808	ICT - Cybersecurity Essentials	Certification Partners	No	Yes	Not applicable
PROSO809	ICT - Spreadsheet Essentials	Certification Partners	No	Yes	Not applicable
PROSO810	ICT - Word Processing Essentials	Certification Partners	No	Yes	Not applicable
PROSO811	ICT - Fundamentals	Certification Partners	No	Yes	Not applicable

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
PROSO812	ICT Digital Citizenship and Ethics	Certification Partners	No	Yes	Not applicable
PTCBD001	Pharmacy Technician	Pharmacy Technician Certification Board	Yes	No	Health Science
RECFN001	RECF Pre-Engineering Certification	Robotics Education and Competition Foundation	No	No	Engineering and Technology Education
RECFN002	RECF Robotics Certification	Robotics Education and Competition Foundation	No	No	Engineering and Technology Education
REDHT002	Red Hat Certified System Administrator (RHCSA) Certification	Red Hat	Yes	No	Information Technology
SALES001	Salesforce Certified Administrator	Salesforce	No	No	Marketing, Sales & Service
SMACA001	Industry 4.0 Controls Systems Specialist	Smart Automation Certification Alliance (SACA)	Yes	No	Manufacturing
SMACA002	Industry 4.0 Electrical Systems Specialist	Smart Automation Certification Alliance (SACA)	Yes	No	Manufacturing
SMACA003	Industry 4.0 Electro-Fluid Power Systems Specialist	Smart Automation Certification Alliance (SACA)	Yes	No	Manufacturing
SMACA004	Industry 4.0 Instrumentation Specialist	Smart Automation Certification Alliance (SACA)	Yes	No	Manufacturing
SMACA005	Industry 4.0 Mechanical Systems Specialist	Smart Automation Certification Alliance (SACA)	Yes	No	Manufacturing
SMACA006	Industry 4.0 Network Systems Specialist	Smart Automation Certification Alliance (SACA)	Yes	No	Manufacturing
SMACA007	Industry 4.0 Operations Specialist	Smart Automation Certification Alliance (SACA)	Yes	No	Manufacturing
SMACA008	Industry 4.0 Robotics Specialist	Smart Automation Certification Alliance (SACA)	Yes	No	Manufacturing
SMFEN001	Lean Bronze Certification (LBC)	Society of Manufacturing Engineers	Yes	No	Manufacturing
SMRPR001	Certified Maintenance and Reliability Professional (CMRP)	Society for Maintenance and Reliability Professionals	Yes	No	Information Technology
SOCTE004	Broadband Premises Installer (BPI)	Society of Cable Telecommunications Engineers	No	No	Arts, A/V Technology & Communication
SOLID003	Certified Solidworks Associate-Academic (CSWA-Academic)	Dassault Systems Solidworks Corporation	No	No	Engineering and Technology Education
SOLID004	Certified Solidworks Professional - Academic (CSWP-Academic)	Dassault Systems Solidworks Corporation	Yes	No	Engineering and Technology Education
SPACE001	Aerospace Technician	SpaceTec	Yes	No	Manufacturing
TAFLP001	Accredited Legal Professional (ALP)	NALS...the Association for Legal Professionals	No	No	Business, Management & Administration
TAFOM001	Certified in Production and Inventory Management (CPIM)	Association of Supply Chain Management (ASCM)	Yes	No	Transportation, Distribution & Logistics
TBOOM001	Toon Boom Certified Associate (Harmony Premium)	Toon Boom Animation	No	No	Arts, A/V Technology & Communication
TBOOM003	Toon Boom Certified Associate (Storyboard Pro)	Toon Boom Animation	No	No	Arts, A/V Technology & Communication
TBOOM004	Toon Boom Certified Associate (Harmony Advanced)	Toon Boom Animation	No	No	Arts, A/V Technology & Communication
UNITY001	Unity Certified Associate	Unity Technologies	No	No	Information Technology
UNITY002	Unity Certified User: Programmer	Unity Technologies	No	No	Information Technology
UNITY003	Unity Certified User: Artist	Unity Technologies	No	No	Information Technology
UNITY004	Unity Certified User: VR Developer	Unity Technologies	No	No	Information Technology
USINS001	Small UAS (sUAS) Safety Certification: Level 1	Unmanned Safety Institute	No	No	Transportation, Distribution & Logistics
USINS002	Visual Line of Sight System Operator (VSO) Ground	Unmanned Safety Institute	No	No	Transportation, Distribution & Logistics
USINS003	Advanced Unmanned Safety: Level 2	Unmanned Safety Institute	Yes	No	Transportation, Distribution & Logistics

## 2022-2023 Master Credentials List

DOE Code	Certification/ Credential Title	Issuing Organization/Provider	Postsecondary Funding Eligible	K-8 Digital Tool Certificate only	Primary Career Cluster
USINS004	Advanced Unmanned System Operations (AUSO) Flight	Unmanned Safety Institute	Yes	No	Transportation, Distribution & Logistics
USINS005	Advanced Unmanned System Operations (AUSO) Ground	Unmanned Safety Institute	Yes	No	Transportation, Distribution & Logistics
VMWRE004	VMware Certified Professional - Data Center Virtualization	VMWare	Yes	No	Information Technology
YAMAH001	Yamaha Marine Maintenance Certification: Inline	Yamaha	Yes	No	Transportation, Distribution & Logistics
YAMAH002	Yamaha Marine Maintenance Certification: Mid-Range	Yamaha	Yes	No	Transportation, Distribution & Logistics
YAMAH003	Yamaha Marine Maintenance Certification: Portable	Yamaha	Yes	No	Transportation, Distribution & Logistics
YAMAH004	Yamaha Marine Maintenance Certification: V-Engine	Yamaha	Yes	No	Transportation, Distribution & Logistics

## Change 1: 2022-2023 Proposed Updates to Microsoft Technology Associate (MTA) Certifications

ORIGINAL		
DOE Code	Certification/ Credential Title	Issuing Organization/Provider
MICRO070	Microsoft Technology Associate (MTA) - Database Administration Fundamentals	Microsoft Corporation
MICRO074	Microsoft Technology Associate (MTA) - Software Development Fundamentals	Microsoft Corporation
MICRO076	Microsoft Technology Associate (MTA) - Windows OS Fundamentals	Microsoft Corporation
MICRO077	Microsoft Technology Associate (MTA) - Security Fundamentals	Microsoft Corporation
MICRO078	Microsoft Technology Associate (MTA) - Networking Fundamentals	Microsoft Corporation
MICRO080	Microsoft Technology Associate (MTA) - HTML5 Application Developer Fundamentals	Microsoft Corporation
MICRO102	Microsoft Technology Associate (MTA) - Mobility and Devices Fundamentals	Microsoft Corporation
MICRO104	Microsoft Technology Associate (MTA) - Introduction to Programming Using JavaScript	Microsoft Corporation
MICRO105	Microsoft Technology Associate (MTA) - Introduction to Programming Using HTML and CSS	Microsoft Corporation
MICRO112	Microsoft Technology Associate (MTA) - Introduction to Programming Using Python	Microsoft Corporation
MICRO114	Microsoft Technology Associate (MTA) - Introduction to Programming Using Java	Microsoft Corporation
MICRO115	Microsoft Technology Associate (MTA) - Windows Server Administration Fundamentals	Microsoft Corporation
PROPOSED		
New DOE Code	New Title	New Certifying Agency
CERTI003	Information Technology Specialist (ITS) - Databases	Certiport, A Pearson VUE Business
CERTI004	Information Technology Specialist (ITS) - Software Development	Certiport, A Pearson VUE Business
CERTI005	Information Technology Specialist (ITS) - Device and Configuration Management	Certiport, A Pearson VUE Business
CERTI006	Information Technology Specialist (ITS) - Network Security	Certiport, A Pearson VUE Business
CERTI007	Information Technology Specialist (ITS) - Networking	Certiport, A Pearson VUE Business
CERTI008	Information Technology Specialist (ITS) - HTML5 Application Development	Certiport, A Pearson VUE Business
CERTI009	Information Technology Specialist (ITS) - Device Configuration and Management	Certiport, A Pearson VUE Business
CERTI010	Information Technology Specialist (ITS) - JavaScript	Certiport, A Pearson VUE Business
CERTI011	Information Technology Specialist (ITS) - HTML and CSS	Certiport, A Pearson VUE Business
CERTI012	Information Technology Specialist (ITS) - Python	Certiport, A Pearson VUE Business
CERTI013	Information Technology Specialist (ITS) - Java	Certiport, A Pearson VUE Business
CERTI014	Information Technology Specialist (ITS) - Cloud Computing	Certiport, A Pearson VUE Business

## Change 2: Updated Title

ORIGINAL		
DOE Code	Certification/ Credential Title	Issuing Organization/Provider
PROSO003	Certified Internet Web (CIW) E-Commerce Specialist	Certification Partners
PROPOSED		
New DOE Code	New Title	New Certifying Agency
PROSO003	Certified Internet Web (CIW) E-Commerce Service Specialist	Certification Partners

## Change 3: Removed Certification Codes (Certification has been retired)

DOE Code	Certification/ Credential Title	Certifying Agency
PROSO019	Certified Internet Web (CIW) Perl Specialist	Certification Partners

PROSO021	Certified Internet Web (CIW) Web Design Professional	Certification Partners
PROSO022	Certified Internet Web (CIW) Web Design Specialist	Certification Partners

# Florida Credentials Review Committee

## Framework of Quality Workgroups

Since January, the professional team supporting the Credentials Review Committee has convened four workgroups consisting of subject-matter experts from multiple agencies and various stakeholder partners. These workgroups were established around each element of the Framework of Quality, which will ultimately be used to identify credentials of value for inclusion on the Master Credentials List starting in January 2023.

Each workgroup is led by a member of the Credentials Review Committee and facilitated by a professional team member from one of the lead agencies tasked with implementing the Reimagining Education and Career Help (REACH) Act.

Workgroup	CRC Member Lead	Facilitator
Wage Thresholds	Adrienne Johnston, Florida Department of Economic Opportunity	Adam Briggs, CareerSource Florida
Demand Thresholds	Jennifer Grove, Baptist Health Care	Dehryl McCall, CareerSource Florida
Credential Sequencing	Katherine Goletz, Florida Department of Agriculture and Consumer Services	Tara Goodman, Florida Department of Education
Credential-Occupation Correlation and Gap Identification	James Taylor, Florida Technology Council	Keith Richard, Florida Department of Education

Workgroup facilitators also are members of a Steering Committee, led by Senior Vice President of Business & Workforce Development Andra Cornelius and CareerSource Florida Vice President of Strategic Policy & Performance Dan McGrew. Steering Committee members include professional staff from the Governor's REACH Office, CareerSource Florida, the Florida Department of Economic Opportunity and the Florida Department of Education.

The Steering Committee supports the work of the Credentials Review Committee, establishes key deliverables and alignment among the workgroups, and facilitates interactions across workgroups as well as with external stakeholders and subject-matter experts as needed. Each workgroup is operating under a charter created to define the specific deliverables and primary considerations to contemplate. A brief summary of the progress of each workgroup is as follows:

# Florida Credentials Review Committee

## Wage Thresholds

At bi-weekly meetings starting in February, the Wage Thresholds workgroup began considering conceptual approaches to establishing wage thresholds to recommend to the Credentials Review Committee for consideration, refinement, and ultimate adoption within the Framework of Quality model under development in 2022. Based on framing provided by the workgroup's Credentials Review Committee member, DEO Deputy Secretary Adrienne Johnston, the group is focused on two overarching questions: 1) What are the scope and limitations of the data available; and 2) What rationales appear to provide the most compelling justification for the wage thresholds to be recommended using that data?

This workgroup ultimately will require complete wage figures for all occupations to determine the full picture of what constitutes "mid- to high-level wages," a requirement of the REACH Act. The Steering Committee has asked the Labor Market Estimating Conference to provide a product that includes all occupations at all education levels, with entry-level wages for the same, which together will permit analysis of the more immediate impact of a credential earned on the credential earner.

The workgroup continues to focus on methodological questions and conceptual scenarios that can be analyzed through various simulation exercises using existing data sets. The analyses currently in development explore the scope, assumptions, limitations, interpretation and model development associated with the Occupational Employment and Wage Statistics (OEWS) data compiled by DEO as well as the actual wage record data reported in the Florida Education and Training Placement Information Program (FETPIP). Based on this work, the group will begin to construct models and rationales for what various wage threshold levels might look like.

## Demand Thresholds

The Demand Thresholds workgroup has held three meetings since its inception in late January. The workgroup's primary focus has been on gaining a better understanding of existing demand threshold methodologies and processes used by DEO, CareerSource Palm Beach County, CareerSource South Florida, the state Department of Education and the Board of Governors in the following products: Statewide, Regional and Local Targeted Occupations Lists; the Statewide Eligible Training Provider List; Career and Technical Education (CTE) Audit; and Programs of Strategic Emphasis.

As the Labor Market Estimating Conference develops a supply and demand analysis product, the Demand Threshold Workgroup is reviewing the current

# Florida Credentials Review Committee

demand methodology as used by DEO (500 openings and 1.26% growth or 1,200 openings and any growth) and will review other methodologies, running various scenarios with the data and sharing with the other workgroups. In addition, the workgroup identified the need to gather more information on the local workforce development board processes for adding occupations not approved or identified on their local targeted occupations lists. Michael Corbit and Carrie Pasquale from CareerSource Palm Beach County developed a survey that was sent through the Florida Workforce Development Association (FWDA), gathering additional information to be shared and discussed in the next workgroup meeting, scheduled for March 4. A request is being made to FWDA to solicit their best recommendation on a standardized process.

In upcoming meetings, the Demand Threshold workgroup will continue to focus on the following points:

- The new demand methodology should include two criteria options, as it does now (x openings and x growth OR x+ openings and lower growth thresholds.)
- Deeper review of industry standards for establishment of the demand threshold methodology.
- Move toward more proactive anticipation of needs and ensure emerging industries/occupations can meet the new demand threshold as well.
- Focus on where the demand is captured – need to ensure we are accurately reflecting demand in occupations that are not filled through the traditional methodologies, such as Employ Florida, Indeed.com, etc., for industries like construction. Ensure the new methodology takes a long-term view of demand.

## Credential Sequencing

The Credential Sequencing workgroup has held two meetings to date. The primary focus of these meetings includes: 1) A reflection from members on definitions of “sequencing” and “stackability;” and, 2) A review of the recommendation of Education Strategy Group (ESG) on stackability.

For the definition of sequencing, concepts discussed included lifelong learning, career pathways with clear steps, skills upgrades for the currently employed, clearly identified progression to another level, wage gains along the sequence, and evidence that the sequence is used.

In addition to definitions, the workgroup reviewed the following ESG recommendation for stackability:

# Florida Credentials Review Committee

Non-degree credentials that don't meet Florida's demand and middle/high wage thresholds can be part of Florida's Credentials of Value list if they:

1. Meet or exceed a "floor" wage threshold of 200% of the federal poverty level.
2. Are part of a well-defined sequence of credentials that lead to in-demand, family sustaining wage opportunities.
3. Are validated and recognized by industry.
4. Are included on Florida's gold standard articulation list OR are part of statewide articulation agreements.
5. Offer evidence that a percentage of credential holders "stack" that credential to a Credential of Value in a well-defined sequence to be implemented over time.

Members expressed support for all concepts in general with recognition that some of the conditions listed may be necessary and others may be sufficient. Future discussions will focus on additional concepts that should be considered and a prioritization of the conditions for stackability.

## Credential-Occupation Correlation and Gap Identification

The Credential-Occupation Correlation and Gap Identification workgroup held its first meeting Feb. 4. The primary goal of this workgroup is to establish the list of credentials currently offered in Florida that should be reviewed by the Credentials Review Committee through the Framework of Quality to determine which credentials should appear on the Master Credentials List. Further, the intent of this workgroup is to develop a process by which new credentials can be identified as they are offered for the first time in Florida, so these credentials can also be reviewed by the Credentials Review Committee through the Framework of Quality as they emerge for consideration of additions to the Master Credentials List. Finally, this workgroup intends to develop a process by which the Credentials Review Committee can identify credentials that are not currently offered in Florida, but are identified as a valuable credential to Florida, based on current or emerging labor market demand.

In the first workgroup meeting, Dr. Keith Richard provided a high-level overview of the status of credential inventories among two of the postsecondary sectors in Florida. Credentials Review Committee member James Taylor and workgroup member Byron Clayton discussed how this group should also emphasize an approach of contacting employers to better understand the needs of the workforce.

# Florida Credentials Review Committee

Since the first meeting, the team has compiled an inventory of the postsecondary programs currently offered in the following postsecondary sectors: Florida College System, district technical colleges, State University System and Commission for Independent Education. The workgroup is still working on compiling an inventory of the credentials offered in the Independent Colleges and Universities (ICUF), as well as the industry-recognized certifications available to students in Florida.

It is important to note that the industry certifications are not specific programs offered at a given institution, but rather tied to various postsecondary CTE programs. For this reason, it may be challenging to capture the entire universe of industry certifications that exist. However, the team has started by compiling the industry certifications that are approved for Perkins V funding and CAPE Industry Certification funding within the districts and FCS institutions.

At the next workgroup meeting, scheduled for March 7, the workgroup will discuss how each of the postsecondary sectors (Florida College System, districts, State University System, Commission for Independent Education and ICUF) collect and maintain their program inventories. This discussion, facilitated by presentations from representatives within each sector, will allow the workgroup to better understand what processes can be developed to ensure the Credentials Review Committee regularly receives updates on the programs that are offered or are anticipated to be offered in Florida.

# Florida Credentials Review Committee

## CRC Cross-Agency Support Workgroups Steering Committee

### Background

Florida House Bill 1507 created Chapter 14.36, Florida Statutes, the Reimagining Education and Career Help (REACH) Act, to address the evolving needs of Florida's economy by increasing collaboration and cooperation among state businesses and education communities while improving training within and equity and access to a more integrated workforce and education system for all Floridians. This legislation amended Chapter 445.004, Florida Statutes. The bill was signed into law by Governor Ron DeSantis on June 24, 2021, and the law went into effect on July 1, 2021, as Florida Law 2021-164.

The law represents a bold step to modernize, clarify, and incentivize pathways for Floridians to achieve self-sufficiency. The law promotes an aligned and seamless service delivery framework of workforce services to customers, improving employment and training outcomes through stronger connections between the training offered within the system and the training needed by employers. The law establishes a blueprint for Florida's talent ecosystem to ensure the state has the talent it needs to remain competitive in a global economy. Workforce boards, colleges and industry leaders will collaborate to create a uniform set of credentials and skills that align education and training to workforce needs.

Consistent with this spirit and scope, the REACH Act calls for the creation of a Credentials Review Committee, a Framework of Quality, and a Master Credentials List to be used to identify credentials of value based on wage and demand criteria adopted by the committee. As prescribed in the law (445.004(h)1), the Credentials Review Committee will identify nondegree credentials and degree credentials of value for approval by the CareerSource Florida Board of Directors and inclusion on the Master Credentials List. Such credentials must include registered apprenticeship programs, industry certifications, licenses, advanced technical certificates, college credit certificates, career certificates, applied technology diplomas, associate degrees, baccalaureate degrees and graduate degrees.

The efforts and outputs of this workgroup relate directly to an identifiable element within the Framework of Quality that will ultimately be adopted by the Credentials Review Committee and then used to identify credentials to be included on the Master Credentials List.

### Key Deliverables

- Identify all relevant information to include on the Master Credentials List and determine final format of the list.
- Identify resources available to apply the Framework of Quality and develop both the initial Master Credentials List and ongoing additions/deletions from the Master Credentials List.
- Develop a communications plan for Master Credentials List members and interested stakeholders to keep the public informed of the work being undertaken.
- Develop agendas and materials for scheduled Master Credentials List workshops and meetings.
- Develop recommended returned value funding formula along with additional postsecondary funding designations called for in the REACH Act.

# Florida Credentials Review Committee

- Develop an ongoing master calendar for future years establishing a regular cycle of updates to the Master Credentials List and Framework of Quality.
- Develop a process by which new credentials may apply to be added to the Master Credentials List.
- Establish a process by which Standard Occupational Classification codes are assigned to new credentials on the Master Credentials List.

## Key Activities and Preliminary Considerations

- Consideration of resources needed must consider that there is currently no dedicated funding to support the work of the Credentials Review Committee.
- Considerations for the communications plan include maintaining engagement of Credentials Review Committee members not assigned to workgroups along with primary stakeholders including businesses in key industries/potential critics through awareness of ongoing work.
- Returned value funding and other funding designations may be reviewed by various stakeholders within the Florida Department of Education to ensure understanding of intent of the legislation.
- The committee should consider all related decisions and processes that point to the Master Credentials List or Framework of Quality including CAPE, CTE Audit, and Section 35 program additions.
- Ensure early identification of collision points for the Framework of Quality workgroups.

## Steering Committee Workgroup Members

### CareerSource Florida

- Andra Cornelius
- Dan McGrew
- Victoria Heller
- Dehryl McCall
- Adam Briggs
- Madison Frazee
- Jackie Barreiros
- Warren Davis

### REACH Office

- Mark Baird
- Kendall Kelley

### Department of Education

- Tara Goodman
- Keith Richard

### Department of Economic Opportunity

- Keantha Moore
- Jimmy Heckman
- Christa Nelson

# Florida Credentials Review Committee

## Key Dates

- March 9, (10 a.m. – 12 p.m.): Virtual workshop on Labor Market Estimating Conference January product and ESG final technical report.
- April 7: Final workgroup products complete and ready for routing.
- April 28 (1 – 4 p.m.): Credentials Review Committee meeting at Betty Easley Conference Center; final approval on Framework of Quality; workgroups present their criteria and committee will vote.
- June 27 (3 – 5 p.m.): Credentials Review Committee meeting in Tampa coinciding with the Florida Chamber Foundation Learners to Earners Workforce Solution Summit; voting on final Master Credentials List.
- Sept. 22 (TBD): Credentials Review Committee meeting – virtual.
- Nov. 17 (TBD): Credentials Review Committee meeting – Tallahassee.

# Florida Credentials Review Committee

## CRC Cross-Agency Support Workgroups

### Group 1: Wage Thresholds

#### Background

Florida House Bill 1507 created Chapter 14.36, Florida Statutes, the Reimagining Education and Career Help (REACH) Act, to address the evolving needs of Florida's economy by increasing collaboration and cooperation among state businesses and education communities while improving training within and equity and access to a more integrated workforce and education system for all Floridians. This legislation amended Chapter 445.004, Florida Statutes. The bill was signed into law by Governor Ron DeSantis on June 24, 2021, and the law went into effect on July 1, 2021, as Florida Law 2021-164.

The law represents a bold step to modernize, clarify, and incentivize pathways for Floridians to achieve self-sufficiency. The law promotes an aligned and seamless service delivery framework of workforce services to customers, improving employment and training outcomes through stronger connections between the training offered within the system and the training needed by employers. The law establishes a blueprint for Florida's talent ecosystem to ensure the state has the talent it needs to remain competitive in a global economy. Workforce boards, colleges and industry leaders will collaborate to create a uniform set of credentials and skills that align education and training to workforce needs.

Consistent with this spirit and scope, the REACH Act calls for the creation of a Credentials Review Committee, a Framework of Quality, and a Master Credentials List to be used to identify credentials of value based on wage and demand criteria adopted by the committee. As prescribed in the law (445.004(h)1), the Credentials Review Committee will identify nondegree credentials and degree credentials of value for approval by the CareerSource Florida Board of Directors and inclusion on the Master Credentials List. Such credentials must include registered apprenticeship programs, industry certifications, licenses, advanced technical certificates, college credit certificates, career certificates, applied technology diplomas, associate degrees, baccalaureate degrees and graduate degrees. Moreover, associated earnings outcomes must provide mid- to high-level wages, with preference given to credentials generating high-level wages (445.004(h)4c).

The efforts and outputs of this workgroup relate directly to an identifiable element within the Framework of Quality that will ultimately be adopted by the Credentials Review Committee and then used to identify credentials to be included on the Master Credentials List.

#### Primary Deliverables

- Proposed wage thresholds.
- Proposed rationale and criteria for recommendations.

#### Key Activities and Preliminary Considerations

- Review the Labor Market Estimating Conference's January product and consider how best to apply it to this group's work.

# Florida Credentials Review Committee

- Identify key characteristics and objectives of various wage threshold methodologies including degree vs. non-degree and relative vs. absolute considerations.
- Conduct empirical mock-ups of what the application of given approaches might look like with certain clusters of credentials such as healthcare, IT, Fintech and aerospace.
- Propose criteria (state/regional/local) for wage thresholds, present options for Credentials Review Committee deliberation and decision making and respond to Credentials Review Committee information needs related to this group's work.
- Consider likely future informational needs and potential impacts on Credentials Review Committee work as the Labor Market Estimating Conference begins to provide supply/demand projections in 2022.
- Others as deemed necessary by the workgroup.

## Wage Thresholds Workgroup Members

- Adrienne Johnston, Florida Department of Economic Opportunity and Credentials Review Committee Member
- Adam Briggs, CareerSource Florida, Lead Facilitator
- Carrie Henderson, Florida College System
- Emily Sikes/Roger Strickland, Board of Governors
- Jimmy Heckman and Roger Emmelhainz, Florida Department of Economic Opportunity
- Office of Economic and Demographic Research/Labor Market Estimating Conference Representative TBD
- Steven Birnholz, Florida Council of 100
- Michelle Boylan/David Pieklik, Enterprise Florida
- Richard Williams, CareerSource Chipola
- Tim Hinson, National Electrical Contractors Association

## Key Dates

- March 9, (10 a.m. – 12 p.m.): Virtual workshop on Labor Market Estimating Conference January product and ESG final technical report.
- April 7: Final workgroup products complete and ready for routing.
- April 28 (1 – 4 p.m.): Credentials Review Committee meeting at Betty Easley Conference Center; final approval on Framework of Quality; workgroups present their criteria and committee will vote.
- June 27 (3 – 5 p.m.): Credentials Review Committee meeting in Tampa coinciding with the Florida Chamber Foundation Learners to Earners Workforce Solution Summit; voting on final Master Credentials List.
- Sept. 22 (TBD): Credentials Review Committee meeting – virtual.
- Nov. 17 (TBD): Credentials Review Committee meeting – Tallahassee.

# Florida Credentials Review Committee

## Cross-Agency Support Workgroups

### Group 2: Demand Thresholds

#### Background

Florida House Bill 1507 created Chapter 14.36, Florida Statutes, the Reimagining Education and Career Help (REACH) Act, to address the evolving needs of Florida's economy by increasing collaboration and cooperation among state businesses and education communities while improving training within and equity and access to a more integrated workforce and education system for all Floridians. This legislation amended Chapter 445.004, Florida Statutes. The bill was signed into law by Governor Ron DeSantis on June 24, 2021, and the law went into effect on July 1, 2021, as Florida Law 2021-164.

The law represents a bold step to modernize, clarify, and incentivize pathways for Floridians to achieve self-sufficiency. The law promotes an aligned and seamless service delivery framework of workforce services to customers, improving employment and training outcomes through stronger connections between the training offered within the system and the training needed by employers. The law establishes a blueprint for Florida's talent ecosystem to ensure the state has the talent it needs to remain competitive in a global economy. Workforce boards, colleges and industry leaders will collaborate to create a uniform set of credentials and skills that align education and training to workforce needs.

Consistent with this spirit and scope, the REACH Act calls for the creation of a Credentials Review Committee, a Framework of Quality, and a Master Credentials List to be used to identify credentials of value based on wage and demand criteria adopted by the committee. As prescribed in the law (445.004(h)1), the Credentials Review Committee will identify nondegree credentials and degree credentials of value for approval by the CareerSource Florida Board of Directors and inclusion on the Master Credentials List. Such credentials must include registered apprenticeship programs, industry certifications, licenses, advanced technical certificates, college credit certificates, career certificates, applied technology diplomas, associate degrees, baccalaureate degrees and graduate degrees.

The efforts and outputs of this workgroup relate directly to an identifiable element within the Framework of Quality that will ultimately be adopted by the Credentials Review Committee and then used to identify credentials to be included on the Master Credentials List.

#### Primary Deliverables

- Proposed demand thresholds.
- Proposed rationale and criteria for recommendations.
- Criteria for priority ranking factors called for in the REACH Act.
- Proposed rules and process for establishing regional/local demand.

#### Key Activities and Preliminary Considerations

- Review the Labor Market Estimating Conference's January product and consider how best to apply it to this group's work.

# Florida Credentials Review Committee

- Identify key characteristics and objectives of various demand threshold methodologies including degree vs. non-degree and relative vs. absolute considerations.
- Conduct empirical mock-ups of what the application of given approaches might look like with certain clusters of credentials such as healthcare, IT, Fintech and aerospace.
- Examine best practices of local boards for identifying in-demand occupations locally and determine documentation criteria for such consideration.
- Propose criteria (state/regional/local) for demand thresholds, present options for Credentials Review Committee deliberation and decision making and respond to Credentials Review Committee information needs related to this group's work.
- Consider likely future informational needs and potential impacts on Credentials Review Committee work as the Labor Market Estimating Conference begins to provide supply/demand projections in 2022.
- Others as deemed necessary by the workgroup.

## Demand Thresholds Workgroup Members

- Jennifer Grove, Credentials Review Committee Member
- Kendall Kelley, REACH Office
- Dehryl McCall, CareerSource Florida, Lead Facilitator
- Office of Economic and Demographic Research representative TBD
- Emily Sikes/Roger Strickland, Board of Governors
- Keith Richard, Florida Department of Education
- Jimmy Heckman, Florida Department of Economic Opportunity Bureau of Workforce Statistics and Economic Research
- Charles Williams and Roger Emmelhainz, Florida Department of Economic Opportunity
- John Kaliski, Cambridge Systematics
- Jeff Hendry/Roy Baker, Opportunity Florida
- DeeDee Rasmussen, Associated Builders and Contractors
- Anna Lebesch, JaxUSA
- Michael Corbit and Carrie Pasquale, CareerSource Palm Beach County
- David Gilbert, CareerSource South Florida
- Data analyst from at least one of the partners represented here (TBD)

## Key Dates

- March 9, (10 a.m. – 12 p.m.): Virtual workshop on Labor Market Estimating Conference January product and ESG final technical report.
- April 7: Final workgroup products complete and ready for routing.
- April 28 (1 – 4 p.m.): Credentials Review Committee meeting at Betty Easley Conference Center; final approval on Framework of Quality; workgroups present their criteria and committee will vote.
- June 27 (3 – 5 p.m.): Credentials Review Committee meeting in Tampa coinciding with the Florida Chamber Foundation Learners to Earners Workforce Solution Summit; voting on final Master Credentials List.
- Sept. 22 (TBD): Credentials Review Committee meeting – virtual.
- Nov. 17 (TBD): Credentials Review Committee meeting – Tallahassee.

# Florida Credentials Review Committee

## Cross-Agency Support Workgroups Group 3: Credential Sequencing

### Background

Florida House Bill 1507 created Chapter 14.36, Florida Statutes, the Reimagining Education and Career Help (REACH) Act, to address the evolving needs of Florida's economy by increasing collaboration and cooperation among state businesses and education communities while improving training within and equity and access to a more integrated workforce and education system for all Floridians. This legislation amended Chapter 445.004, Florida Statutes. The bill was signed into law by Governor Ron DeSantis on June 24, 2021, and the law went into effect on July 1, 2021, as Florida Law 2021-164.

The law represents a bold step to modernize, clarify, and incentivize pathways for Floridians to achieve self-sufficiency. The law promotes an aligned and seamless service delivery framework of workforce services to customers, improving employment and training outcomes through stronger connections between the training offered within the system and the training needed by employers. The law establishes a blueprint for Florida's talent ecosystem to ensure the state has the talent it needs to remain competitive in a global economy. Workforce boards, colleges and industry leaders will collaborate to create a uniform set of credentials and skills that align education and training to workforce needs.

Consistent with this spirit and scope, the REACH Act calls for the creation of a Credentials Review Committee, a Framework of Quality, and a Master Credentials List to be used to identify credentials of value based on wage and demand criteria adopted by the committee. As prescribed in the law (445.004(h)1), the Credentials Review Committee will identify nondegree credentials and degree credentials of value for approval by the CareerSource Florida Board of Directors and inclusion on the Master Credentials List. Such credentials must include registered apprenticeship programs, industry certifications, licenses, advanced technical certificates, college credit certificates, career certificates, applied technology diplomas, associate degrees, baccalaureate degrees and graduate degrees.

Credentials that do not meet the earnings outcomes criteria for mid-to-high-level wages must be part of a sequence of credentials that are required for the next level occupation that does meet the earnings outcomes criteria in order to be identified as a credential of value. (445.004(h)4c).

The efforts and outputs of this workgroup relate directly to an identifiable element within the Framework of Quality that will ultimately be adopted by the Credentials Review Committee and then used to identify credentials to be included on the Master Credentials List.

### Primary Deliverables

- Definition for "sequence," based on considerations such as theoretical vs empirical basis, degrees of correlation, absolute vs. relative criteria by industry sector/credential cluster, etc.
- Criteria for consideration – for example, factors beyond wage that might merit inclusion.
- Proposed rationale and criteria for recommendations.

### Key Activities and Preliminary Considerations

- Review and evaluate those parts of ESG's final product that are relevant to credential sequencing, assess approaches to sequencing pursued in other states including and beyond those addressed by ESG, and identify appropriate next steps for development of a sequencing methodology.

# Florida Credentials Review Committee

- Evaluate absolute vs. relative sequencing criteria, including such factors as variable time-to-credential and degrees of correlation/association with identified occupation group(s).
- Conduct empirical mock-ups of what the application of given approaches might look like with certain clusters of credentials such as healthcare, IT, Fintech and aerospace.
- Propose criteria for credential sequencing, present options for Credentials Review Committee deliberation and decision making and respond to Credentials Review Committee information needs related to this group's work.
- Others as deemed necessary by the workgroup.

## Credential Sequencing Workgroup Members

- Katherine Goletz, Credentials Review Committee Member
- Tara Goodman Florida Department of Education, Lead Facilitator
- Emily Sikes/Roger Strickland, Board of Governors
- Kathleen Taylor, Florida Department of Education
- Katie Grissom, Florida Department of Education
- Amy Locklear, Florida College System
- Peter Dyga, ABC Florida
- Steven Birnholz, Florida Council of 100
- Beth Cicchetti, Florida Economic Development Council
- Susan Bosse and Warren Davis, CareerSource Florida strategy
- Heather Mauney, Enterprise Florida
- Melissa Terbrueggen, CareerSource Northeast Florida
- Carrie Pasquale, CareerSource Palm Beach County
- Melanie Stefanowicz, Orange County Schools
- Data analyst from at least one of the partners represented here (TBD)

## Key Dates

- March 9, (10 a.m. – 12 p.m.): Virtual workshop on Labor Market Estimating Conference January product and ESG final technical report.
- April 7: Final workgroup products complete and ready for routing.
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- June 27 (3 – 5 p.m.): Credentials Review Committee meeting in Tampa coinciding with the Florida Chamber Foundation Learners to Earners Workforce Solution Summit; voting on final Master Credentials List.
- Sept. 22 (TBD): Credentials Review Committee meeting – virtual.
- Nov.17 (TBD): Credentials Review Committee meeting – Tallahassee.

# Florida Credentials Review Committee

## Cross-Agency Support Workgroups

### Group 4: Credential-Occupation Correlation and Gap Identification

#### Background

Florida House Bill 1507 created Chapter 14.36, Florida Statutes, the Reimagining Education and Career Help (REACH) Act, to address the evolving needs of Florida's economy by increasing collaboration and cooperation among state businesses and education communities while improving training within and equity and access to a more integrated workforce and education system for all Floridians. This legislation amended Chapter 445.004, Florida Statutes. The bill was signed into law by Governor Ron DeSantis on June 24, 2021, and the law went into effect on July 1, 2021, as Florida Law 2021-164.

The law represents a bold step to modernize, clarify, and incentivize pathways for Floridians to achieve self-sufficiency. The law promotes an aligned and seamless service delivery framework of workforce services to customers, improving employment and training outcomes through stronger connections between the training offered within the system and the training needed by employers. The law establishes a blueprint for Florida's talent ecosystem to ensure the state has the talent it needs to remain competitive in a global economy. Workforce boards, colleges and industry leaders will collaborate to create a uniform set of credentials and skills that align education and training to workforce needs.

Consistent with this spirit and scope, the REACH Act calls for the creation of a Credentials Review Committee, a Framework of Quality, and a Master Credentials List to be used to identify credentials of value based on wage and demand criteria adopted by the committee. As prescribed in the law (445.004(h)1), the Credentials Review Committee will identify nondegree credentials and degree credentials of value for approval by the CareerSource Florida Board of Directors and inclusion on the Master Credentials List. Such credentials must include registered apprenticeship programs, industry certifications, licenses, advanced technical certificates, college credit certificates, career certificates, applied technology diplomas, associate degrees, baccalaureate degrees and graduate degrees.

The efforts and outputs of this workgroup relate directly to an identifiable element within the Framework of Quality that will ultimately be adopted by the Credentials Review Committee and then used to identify credentials to be included on the Master Credentials List.

#### Primary Deliverables

- Compile a full list of credentials to be evaluated using the Framework of Quality for potential inclusion on the Master Credentials List.
- Identify additional credentials needed in Florida based on demand factors established by the Labor Market Estimating Conference and such regional/local factors as may be recommended by the Demand Thresholds Workgroup and/or the Wage Thresholds Workgroup.

# Florida Credentials Review Committee

## Key Activities and Preliminary Considerations

- Determine how to identify credentials that meet thresholds for wages and demand (nondegree credentials) and demand (degrees) needed for occupations via Standard Occupational Classification.
- Evaluate advantages/limitations of various methods for associating credentials with one or more occupations/occupation groups.
- Conduct empirical mock-ups of what the application of given approaches might look like with certain clusters of credentials such as healthcare, IT, Fintech and aerospace.
- Propose criteria for credential identification, present options for Credentials Review Committee deliberation and decision making and respond to Credentials Review Committee information needs related to this group's work.
- Recommend best people and processes for conducting the work involved in ultimately generating the Master Credentials List.
- Others as deemed necessary by the workgroup.

## Credential-Occupation Correlation & Gap Identification Workgroup Members

- James Taylor, Credentials Review Committee Member
- Mark Baird, REACH Office
- Keith Richard, Florida Department of Education, Lead Facilitator
- Kathleen Taylor, Florida Department of Education
- Emily Sikes/Roger Strickland, Board of Governors
- Sam Ferguson and Rhesa Rudolph, Commission for Independent Education
- Carrie Henderson, Florida College System
- Elizabeth Winslow, Independent Colleges and Universities of Florida
- Jeff Kelly, Department of Business and Professional Regulation
- Kathie Hughes and Nikki Whitener, Florida Department of Economic Opportunity
- Marcelo Dossantos, FloridaMakes
- Beth Cicchetti, Florida Economic Development Council
- John Flanagan and Byron Clayton, CareerSource Tampa Bay
- Lynn Peoples, TruMont
- Associated Builders and Contractors Representative (TBD)
- Data analyst from at least one of the partners represented here (TBD)

## Key Dates

- March 9, (10 a.m. – 12 p.m.): Virtual workshop on Labor Market Estimating Conference January product and ESG final technical report.
- April 7: Final workgroup products complete and ready for routing.
- April 28 (1 – 4 p.m.): Credentials Review Committee meeting at Betty Easley Conference Center; final approval on Framework of Quality; workgroups present their criteria and committee will vote.
- June 27 (3 – 5 p.m.): Credentials Review Committee meeting in Tampa coinciding with the Florida Chamber Foundation Learners to Earners Workforce Solution Summit; voting on final Master Credentials List.
- Sept. 22 (TBD): Credentials Review Committee meeting – virtual.

# Florida Credentials Review Committee

- Nov.17 (TBD): Credentials Review Committee meeting – Tallahassee.

## Contact Information

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# Florida Credentials Review Committee