Education and Economic Development Act Coordinating Council Report

To: The Governor of South Carolina, Members of the South Carolina General Assembly, The South Carolina Department of Commerce, and the State Board of Education

Pursuant to Section 59-59-175

December 31, 2020

Dear Governor McMaster, Members of the South Carolina General Assembly, Secretary Hitt, and Members of the State Board of Education:

This year marked the third full year of operation for the Education and Economic Development Act's (EEDA) reconstituted Coordinating Council. In our first year, we organized ourselves into subcommittees and formulated goals to further the Act's objectives. Last year, we prioritized those goals and integrated them into a coordinated plan of action. At the same time, we traveled around the state to see how the directives of the EEDA were being implemented locally. At Lexington Middle School, for example, we witnessed a particularly effective, student-driven method of developing Individualized Graduation Plans. And at Trident Technical College in North Charleston, we learned of the extraordinary success the College has had developing apprenticeship partnerships with local businesses.

These visits have convinced us that the spirit and letter of the EEDA are best served when educators, business people, and families are free to apply their individual creativity to local business and educational conditions. Economic development strategies developed for the hospitality sector may not be as effective in the manufacturing sector, and apprenticeship opportunities in Darlington may look very different from those in Dillon. One of our most important jobs as a Coordinating Council, we believe, is to promote "best practices" in local areas throughout the state—to show all of our stakeholders how innovation and collaboration can produce outstanding results in a variety of business climates. It's particularly important, we think, to celebrate those results in parts of South Carolina that enjoy comparatively fewer resources—to show how the benefits of the EEDA can be made available to all of our citizens.

With this mission in mind, we kicked off 2020 by traveling to The Continuum in Lake City, a groundbreaking collaboration among the Darla Moore Foundation, Florence-Darlington Technical College, Francis Marion University, and ten high schools in Florence and Darlington counties. The Continuum brings students from across the region to a cutting-edge facility in Lake City. There, using sophisticated tools and equipment donated by business partners, and taught by seasoned professionals, students acquire the skills to guarantee success in a variety of careers, from health sciences to welding. What we saw at the Continuum reinforced our belief that well-equipped regional educational and workforce development centers are critical—particularly in undeserved areas—in fulfilling the promise of the EEDA.

Unfortunately, the outbreak of the COVID-19 pandemic cut short our efforts to promote collaborations in other parts of our state like the Continuum. But we will resume those efforts in 2021. Ultimately, our goals and plan of action are intended to find places in our State where the EEDA is achieving its fullest potential, bring our collective resources to bear to replicate those successes in other areas, and use those same resources to sustain and grow those successes so that the benefits of the Act are made available to all of our young people and their families—wherever they live and whatever career they might pursue. We remain grateful for your support of this work.

Stephen Cox   Molly M. Spearman
Chairman, EEDA Coordinating Council   State Superintendent of Education

Education and Economic Development Act Coordinating Council Members 2019–20

1. Stephen Cox, Chairman, Gubernatorial Business Appointee
2. The Honorable Molly M. Spearman, State Superintendent of Education
3. Michael McIrney, Secretary of Commerce Designee
4. Dan Ellzey, Director, South Carolina Department of Employment and Workforce
5. Dr. Tim Hardee, Executive Director for State Board for Technical and Comprehensive Education
6. Cynthia Bennett, Executive Director of the South Carolina Chamber of Commerce Designee
7. James Richter, Executive Director of the South Carolina Manufacturer's Alliance Designee
8. Rusty Monhollan, Executive Director of the South Carolina Commission on Higher Education
9. Georgia Mjarten, Executive Director of South Carolina First Steps to School Readiness
10. Dr. Harrison Goodwin, Superintendent, Chesterfield County Schools
11. John Murphy, Principal, North Augusta High School
12. Sherrie Beaver, South Carolina Department of Education Office of Student Intervention Services
13. Ashley Brown, RD Anderson Applied Technology Center
14. Hollie Harrell, Director of Anderson District 1 &2 Career Center
15. Dr. Robert Jones, Clemson University
16. Dr. Walt Tobin, President, Orangeburg- Calhoun Technical College
17. Neil Robinson, Chairman of Education Oversight Committee Designee
18. The Honorable Rita Allison, Speaker of the SC House of Representatives Designee
19. The Honorable Scott Talley, Senate President Pro Tempore Designee
20. Dr. Christine Crawford, Gubernatorial Business Appointee
21. Bryan Hamrick, Gubernatorial Business Appointee
22. Tim Hayden, Gubernatorial Business Appointee
23. Carl Henson, Gubernatorial Business Appointee
24. Srikanth Kodeboyina, Gubernatorial Business Appointee
25. Milton Smith, Gubernatorial Business Appointee
26. Don Herriott, Gubernatorial Business Appointee
27. Carol Moody, Gubernatorial Business Appointee
28. Janice Jolly, Gubernatorial Business Appointee

Executive Summary

The Coordinating Council is divided into four subcommittees, each of which has identified a range of objectives focused on a particular area of the EEDA. These four subcommittees are: (i) Articulation, Dual Enrollment, High School Graduation and Postsecondary Education; (ii) At-Risk Students, Comprehensive Guidance & Counseling and Individual Graduation Plans; (iii) Coordination of Efforts with Workforce Development Board, Regional Education Centers, Coordinating Council on Workforce Development and Sector Strategies; and (iv) Industry Credentials, Apprenticeships and Soft Skills.

In 2018, each of these subcommittees established a series of goals within their areas of specialization. This year, each of the subcommittees prioritized those goals and delivered a presentation to the full Coordinating Council to explain those priorities and a plan to fulfill them. At the end of the year, representatives of each of the subcommittees met to develop an integrated plan of action to guide the Council's work in 2020.

The Council's first subcommittee has adopted as its priority the further development of a comprehensive system of transfer and articulation agreements throughout the state. As the cost of post-secondary education continues to rise, it is critical that students throughout South Carolina be able to both take advantage of local educational opportunities *and* transfer to more distant campuses when feasible, without risking the loss of valuable educational credits. A robust network of articulation agreements ensures that students can pursue their educational development as efficiently and inexpensively as possible.

The Council's second subcommittee has adopted as its priority the removal of any impediments to the robust implementation of Individual Graduation Plan (IGP) protocols. The creation of the IGP requirement was one of the most powerful innovations of the EEDA, encouraging students to begin thinking about career development at the end of their eighth grade years. Local school districts have been faithful to the EEDA's IGP requirements, ensuring that all eighth graders and high schoolers revisit their IGP's every year. There is continued room for improvement both in giving students a greater role in the IGP process and in making it easier for parents to participate in IGP conferences. Our visit to Lexington Middle School has convinced us that a robust, student-led IGP protocol is the best way to ensure that students take ownership of their career paths and lay a firm foundation for future success.

The Council's third subcommittee is charged with ensuring that the Council's work is effectively integrated with that of other groups, throughout South Carolina, that are also pursuing workforce development goals. Much of this work has been invested in our state's "Sector Strategies" initiative, a public-private partnership that seeks to build a seamless "talent pipeline" in six occupational sectors that are critical to South Carolina's economic success. To make this "talent pipeline" even more powerful, the Council believes, it must be extended into our middle and secondary schools and "link up" with the career planning and development process that is the hallmark of the EEDA. The presentation that the Council received this year from educational and business officials in Aiken shows the remarkable success that can be achieved when public and private resources are joined in the pursuit of critical educational and workforce development needs.

The Council's fourth subcommittee has adopted, as its priorities, the expansion of apprenticeship programs in designated occupational sectors and the development of "soft skills" curricula. Our visit to Trident Technical College confirmed the impact that a vigorous apprenticeship program can have on boosting workforce development, particularly in communities with enthusiastic industrial partners. The importance of "soft skills," such as working well with others, getting to work prepared and on time, and completing tasks reliably and independently, is continually emphasized by our state's business community as one of their most important goals in securing a capable workforce.

In pursuing the EEDA's objectives, the Council is committed to ensuring that all of its efforts, as well as the efforts of other groups working to implement the EEDA's mandates, are characterized by two fundamental indicia of success. First, those efforts must be *measurable*. If the Council is to achieve its goal of identifying the "best practices" for achieving the EEDA's statutory aims, it must be able to rely on detailed, accurate data that measures the performance of particular initiatives. It is equally important that that data be shared, to the extent possible, while respecting confidentiality concerns across the public and private groups that are working together to fulfill the EEDA's promise. Without such comprehensive and readily available data, the Council can rely only on anecdotal and unverifiable characterizations of performance. Those measures are of little use in determining the success of our efforts and holding ourselves accountable to the EEDA's stakeholders.

The second characteristic that the Council demands of its efforts is that they be *equitable*. The citizens of South Carolina face disparate opportunities and resources as they pursue their educational and occupational development. Some live in wealthy urban and suburban communities with sophisticated educational facilities, ample public and private resources, and a range of enthusiastic business and industrial partners. Others, particularly in some of the more rural and remote parts of our state, live in areas where resources and opportunities are few. If the EEDA is to be a help to all those in South Carolina who need it, we must ensure that it works for everyone. That means, for example, creating incentives for regional collaboration and the pooling of resources. It also means continuing to work to eliminate the logistical and other impediments that prevent our citizens from taking advantage of available resources.

A summary of the Coordinating Council's 2020 meetings is set forth below. At the conclusion of that summary, we have included in this report a list of "Recommendations" and a "Plan of Action" for 2020. We look forward to continuing our work next year to offer *measurable* and *equitable* opportunities under the EEDA for all of South Carolina's citizens.

Due to COVID-19, the full EEDA Coordinating Council had two meetings. Originally the Council decided it would be beneficial for its members to see what career centers were working best for students in the state and look at how to model them in areas where these facilities were lacking. The following is a breakdown of the meetings.

    A. February 20, 2020, The Continuum, Lake City, S.C.
       The Council travelled to Lake City, South Carolina to take a tour of The Continuum, a
       regional center for education and training in innovative and technical skills and

workforce development, created through the collaboration between The Darla Moore Foundation, Florence-Darlington Technical College and Francis Marion University. Their mission is to provide opportunities through training and workforce development skills, courses that lead to two and four-year degrees, dual credit courses for high school students, programs for K-12 students in science and innovation, business incubator space, community/event space in a state of the art facility. The Continuum includes 10 partner high schools, seven high-tech classrooms, three computer labs, three distance learning labs, biology and chemistry labs with large prep rooms, four workforce development classrooms/labs, and a health science and CNA space. (https://www.thelccontinuum.org/about-us).

After hearing from students from different school districts in Florence County about the classes they are enrolled in, the members toured the facility. Upon conclusion of the tour, the Council held a meeting with the Continuum's managing staff and discussed the importance of the Continuum's partnerships. The Council concluded that the Continuum is a model career center that should be replicated around the state.

B. November 12, 2020, via WebEx
The Council met virtually via WebEx to discuss approval of the new industry credentials list, hear an update from the subcommittees and hear an update from the State Superintendent about schools during COVID-19. Angel Malone, SCDE Director of Career and Technology Education submitted for approval the Proposed Industry Recognized Credentials for 2020-21, (Appendix A), Stackable Credentials Timeline (Appendix B), and an update on CTE data (Appendices C & D). The Council approved this proposed list to be presented to the Education Oversight Committee for final approval. The subcommittee chairs then provided an update to the council on their continued goals:

1. Industry Credentials, Apprenticeships and Soft Skills Subcommittee (Dr. Walt Tobin)
   - Continue to develop and expand industry credentials
   - Expand adult education
   - Promote youth apprenticeship opportunities
2. Coordination of Efforts with Workforce Development Board, Regional Education Centers, Coordinating Council on Workforce Development and Sector Strategies Subcommittee (Michelle Paczynski)
   - Continue to expand broadband access
   - Support of longitudinal database system for sharing of information across agencies.
3. At-Risk Students, Comprehensive Guidance & Counseling and Individual Graduation Plans Subcommittee (Christine Crawford)
   - Virtual IGP meetings have increased significantly have shown to be very successful.
4. Articulation, Dual Enrollment, High School Graduation and Postsecondary Education Subcommittee (Rusty Monhollan and Dr. Tim Hardee)
   - Continue to look at transfers and articulation

Recommendations

The Coordinating Council recommends that the following actions be considered to enhance the effectiveness of the EEDA:

1. Industry Credentials should be reorganized in a stackable format in three tiers to accurately recognize credentials of value at the beginning, middle, and end of a program of study. To make sure the list of credentials is as robust and relevant as possible, we need feedback and comments from key stakeholders, especially industry professionals and technical college representatives.

2. We continue to urge appropriate funding for Regional Career Centers to provide greater access to a range of effective workforce development programs for high school students (like those the Council observed this year at the Continuum). It is particularly important, we think, to establish these Centers in traditionally underserved areas for the benefit of populations often underrepresented in our workforce.

3. One economic sector that is receiving increased attention and offering increased opportunities is Cybersecurity and Artificial Intelligence. The SCDE's Office of Career and Technical Education is developing programs of study to support this sector, and we believe it should be an area of interest for all of our stakeholders. There will be a specific need for input and financial assistance, in the areas of Teacher Preparation, Curriculum Development, Industry Alignment, and Post-Secondary Education, to offer the program of study and associated workforce opportunities to all districts statewide.

4. A number of the Council's partner agencies, including the Department of Education, the Department of Employment and Workforce, the Department of Commerce, and Vocational Rehabilitation, are working together to refine, strengthen and promote the state's "Sector Strategies" initiative. To this end, there is a need for effective coaches and facilitators to train industry and education partners in the various regions of our state to develop and maintain industry sector partnerships.

5. In some respects, the Council's mission is duplicative of the mission of other state-created boards and agencies, including the South Carolina Coordinating Council for Economic Development and the State's Workforce Development Board. Because many of our partner agencies are members of all three of these groups, it is important for governmental leaders to continue to evaluate the purpose and function of these groups to determine whether some level of consolidation or streamlining would be effective.

Appendix A

Proposed Industry Recognized Credentials 2020-2021 - DRAFT

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
ALL	Microburst EmployABILITY Soft Skills Certification	A94	Microburst	ACS Technologies, Amana, Bertram Yachts, Carolina Filters, Colonial Life, Dayton Surperior, Diamond Crystal Brands, EMS Chemie, Energizer, Federal Mogul, Fuji, General Electric, GlaxoSmithKline, Hargray Communications, International Paper, Intertape Polymer Group, Kaydon, Kimberly Clark, Masonite, MeadWestvaco, Milliken, Nestle, Roche, SCANA, Scotsman Ice, Sonoco Products, Thompson Industrial, University of South Carolina, Westinghouse, Charleston Metro Chamber, Greenwood Mills, Piedmont Technical College, Greenwood Genetic Center, Greenwood Area Habitat for Humanity, Eaton, Greenwood Partnership Alliance	Implementation entails 9-12 grade completion. Districts have purchased the software and have begun the process with the current 9th graders. If moved to Tier 2, need to be phased out over a period of time to accommodate existing implementation.	**KEEP**	
ALL	OSHA 10 General	63	Occupational Safety and Health Administration (OSHA)	SC Technical College System, Cato Electric, Screwmatics, Inc., O'Reilly Auto Parts, Southern Shield, Sunbelt, Duvall Enterprises, Thompson Turner Construction, Michelin, Horry-Georgetown Home Builders Association, Lineburger Construction, Bridgestone, Cummings, Amazon, Target Inc.	Some industries require OSHA certification to be employed.	**KEEP**	
Agriculture, Food & Natural Resources	EETC Principles of Small Engine Technology Certifi	228	iCEV			**KEEP**	
Agriculture, Food & Natural Resources *(also Human Services)*	Food Safety and Science Certification	A79	iCEV Multimedia / National Collegiate Livestock Coaches Association	USDA, Clemson		**KEEP**	
Agriculture, Food & Natural Resources	Fundamentals of Animal Science Certification	A81	iCEV Multimedia / National Collegiate Livestock Coaches Association	USDA, Clemson		**KEEP**	
Agriculture, Food & Natural Resources	Livestock Selection & Evaluation Certification	A84	iCEV Multimedia / National Collegiate Livestock Coaches Association	USDA, Clemson, Piedmont Tech, John Deere, Husqvarna, Briggs & Straton, Log Creek Timber, Pageland Farm Equipment		**KEEP**	
Agriculture, Food & Natural Resources	Meat Evaluation Certification	A83	iCEV Multimedia / National Collegiate Livestock Coaches Association	USDA, Clemson		**KEEP**	
Agriculture, Food & Natural Resources	Outdoor Power Equipment	34	Equipment and Engine Training Council (EETC)	USDA, Clemson, Piedmont Tech, John Deere, Husqvarna, Briggs & Straton, Log Creek Timber, Pageland Farm Equipment, EnviroAg,		**KEEP**	
Agriculture, Food & Natural Resources	Plant Science Certification	A80	iCEV Multimedia / National Collegiate Livestock Coaches Association	USDA, Clemson		**KEEP**	
Agriculture, Food & Natural Resources	Principles of Floral Design Certification	A82	iCEV Multimedia / National Collegiate Livestock Coaches Association	Clemson University		**KEEP**	
Agriculture, Food & Natural Resources	Principles of Small Engine Technology Certification	A87	Equipment & Engine Training Council	USDA, Clemson, Piedmont Tech, John Deere, Husqvarna, Briggs & Straton, Log Creek Timber, Pageland Farm Equipment, EnviroAg		**KEEP**	
Agriculture, Food & Natural Resources	Veterinary Medical Applications Certification	A86	iCEV Multimedia / National Collegiate Livestock Coaches Association	Clemson University; Peidmont Technical College		**KEEP**	
Architecture & Construction	ADDA – Certified Apprentice Drafter	54	American Design Drafting Association (ADDA)	*SC Technical College System		**KEEP**	
Architecture & Construction *(also Business Management & Administration; Marketing)*	Certified Associate in Project Management (CAPM)	64	Certified Associate in Project Management (CAPM), Project Management Institute	Contract Construction, SPAWAR		**KEEP**	
Architecture & Con	Certified LabVIEW Associate Developer (CLAD)	224	National Instruments	PLTW, SREB Clean Energy, SCE&G, Santee Cooper		**KEEP**	

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Architecture & Construction	EPA Section 608	17	Environmental Protection Agency (EPA)	SC Technical College System, Lennox International, Atlantic Housing, Pinnacle Property Management		**KEEP**	
Architecture & Construction	HVAC Excellence	46	HVAC Excellence	SC Technical College System		**KEEP**	
Architecture & Construction	NATE - Air Conditioning	146	North American Technician Excellence (NATE)	SC Technical College System		**KEEP**	
Architecture & Construction	NATE - Air Distribution	147	North American Technician Excellence (NATE)	SC Technical College System- ALL NATE areas - Blythewood Heating and Air, Lennox International, Carolina Comfort Systems, Gene's Heating and Air, J&J Air	More than one certification is required to be an industry recognized credential. Difficult for high school students to earn the required number of certifications	**DELETE**	
Architecture & Construction	NATE - Commercial Refigeration (Service Only)	148	North American Technician Excellence (NATE)	SC Technical College System	More than one certification is required to be an industry recognized credential. Difficult for high school students to earn the required number of certifications	**DELETE**	
Architecture & Construction	NATE - Gas Heating	149	North American Technician Excellence (NATE)	SC Technical College System	More than one certification is required to be an industry recognized credential. Difficult for high school students to earn the required number of certifications	**DELETE**	
Architecture & Construction	NATE - Ground Source Heat Pump Loop Installer (Service Only)	150	North American Technician Excellence (NATE)	SC Technical College System	More than one certification is required to be an industry recognized credential. Difficult for high school students to earn the required number of certifications	**DELETE**	
Architecture & Construction	NATE - Heat Pumps	151	North American Technician Excellence (NATE)	SC Technical College System	More than one certification is required to be an industry recognized credential. Difficult for high school students to earn the required number of certifications	**DELETE**	
Architecture & Construction	NATE - Hydronics Gas (Service Only)	152	North American Technician Excellence (NATE)	SC Technical College System	More than one certification is required to be an industry recognized credential. Difficult for high school students to earn the required number of certifications	**DELETE**	
Architecture & Construction	NATE - Hydronics Oil (Service Only)	153	North American Technician Excellence (NATE)	SC Technical College System	More than one certification is required to be an industry recognized credential. Difficult for high school students to earn the required number of certifications	**DELETE**	
Architecture & Construction	NATE - Light Commercial Refrigeration (Service Only)	154	North American Technician Excellence (NATE)	SC Technical College System	More than one certification is required to be an industry recognized credential. Difficult for high school students to earn the required number of certifications	**DELETE**	
Architecture & Construction	NATE - Oil Heating	155	North American Technician Excellence (NATE)	SC Technical College System	More than one certification is required to be an industry recognized credential. Difficult for high school students to earn the required number of certifications	**DELETE**	
Architecture & Construction	NCCER – A/C Ref. Technology	25	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		**KEEP**	
Architecture & Construction	NCCER – Carpentry	26	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders, Cobb Construction, R. E. Harrison, Greenwood Area Habitat for Humanity, Hilton Head Island Builders Association		**KEEP**	
Architecture & Construction	NCCER – Core	56	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		**KEEP**	
Architecture & Construction	NCCER – Electricity	27	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		**KEEP**	
Architecture & Construction	NCCER – Masonry	29	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		**KEEP**	
Architecture & Construction	NCCER – NCCT National Construction Career Test	58	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		**KEEP**	
Architecture & Construction	NCCER – Plumbing	30	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		**KEEP**	
Architecture & Con	NOCTI: HBI-Home Builders Institute Student Certi	240	National Association of Home Builders (NAHB) Residential Construction-National Occupational Competency Testing Institute (NOCTI)	Horry Georgetown Home Builders Association		**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Architecture & Construction	RCA-Basic Principles for Construction	A45	Residential Construction Academy (RCA)	Contract Construction, Roebuck Builders		**KEEP**	
Architecture & Construction	RCA-Electrical Principles	A46	Residential Construction Academy (RCA)	Contract Construction, Roebuck Builders		**KEEP**	
Architecture & Construction	RCA-Electrical Wiring	A48	Residential Construction Academy (RCA)	Contract Construction, Roebuck Builders		**KEEP**	
Architecture & Construction	RCA-House Wiring	A47	Residential Construction Academy (RCA)	Contract Construction, Roebuck Builders		**KEEP**	
Arts, A/V Technology & Communications	Adobe® Certified Associate - Graphic Design & Illustration with Adobe Illustrator	A40	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama, National Wild Turkey Federation		**KEEP**	
Arts, A/V Technology & Communications	Adobe® Certified Associate - Rich Media Communication with Adobe Flash	82	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama		**KEEP**	
Arts, A/V Technology & Communications *(also Business Management & Administration)*	Adobe® Certified Associate - Visual Communication with Adobe Photoshop	80	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama, National Wild Turkey Federation		**KEEP**	
Arts, A/V Technology & Communications *(also Business Management & Administration)*	Adobe® Certified Associate–Print & Digital Media Publication with Adobe InDesign	A39	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama, National Wild Turkey Federation		**KEEP**	
Arts, A/V Technology & Communications	Adobe® Certified Associate-Video Communication with Adobe Premiere Pro	83	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama, National Wild Turkey Federation		**KEEP**	
Arts, A/V Technology & Communications *(also Business Management & Administration)*	Adobe® Certified Associate-Web Communication with Adobe Dreamweaver	81	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama		**KEEP**	
Arts, A/V Technology & Communications	Adobe® Certified Expert	65	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama		**KEEP**	
Arts, A/V Technolo	Apple® Certified iOS Technician (ACiT)	218	Apple®	Lander University		**KEEP**	
Arts, A/V Technolo	Apple® Certified Mac Technician (ACMT)	219	Apple®	Lander University		**KEEP**	
Arts, A/V Technolo	Apple® Final Cut Pro X Professional Post-Productio	220	Apple®	Lander University		**KEEP**	
Arts, A/V Technolo	Apple® Logic Pro Professional Music Production	221	Apple®	Lander University		**KEEP**	
Arts, A/V Technolo	Certified Technology Specialist - Design (CTS-D)	225	ANSI Accreditation	Fox Music		**KEEP**	
Arts, A/V Technolo	Certified Technology Specialist - Installation (CTS-I	226	ANSI Accreditation	Fox Music		**KEEP**	
Arts, A/V Technolo	Certified Technology Specialist (CTS)	227	ANSI Accreditation	Fox Music, Koger Center, Alabama Theater, Harbison Theater, Colonial Center		**KEEP**	
Arts, A/V Technology & Communications	Fashion, Textiles, and Apparel	72	American Association of Family and Consumer Sciences (AAFCS)	Department Stores - Dillard's, Belk's, Cato, Old Navy, J. C Penny, Macys, American Eagle Outfitters, Citi Trends, Marshalls, Loft, etc. Private Sales Companies, Target, Boutiques, Clothing Stores, Sewing Galleries, The Fashion Institute of Design and Merchandising, Textile Fabric Consultants,	The program includes content on job skills including workplace behavior, Small Business Administration, fiber qualities, textile law and labeling, construction and care, design elements and principles, CAD, merchandizing and promotion, ethics, forecasting, and customer service. The Fashion, Textiles, and Apparel assessment and certification will address a skill set necessary for success in the fashion industry. It is anticipated that this assessment and certification will be targeted for individuals preparing for careers related to fashion, textiles, and apparel, such as those associated with:•retail and wholesale buying, •apparel and textile development and production, •fashion and textile design, and •visual merchandising.	**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Arts, A/V Technology & Communications	Housing and Furnishings	75	American Association of Family and Consumer Sciences (AAFCS)	National Home Furnishings Association, Home Builders Institute, Furniture Stores, Furniture Rental stores, Mobile Home companies, Manufactured Home Companies, Hotels, Resorts, Motels, Timeshares, Nail Salons, Cosmetology Salons, Spas, Barber Shops, Restaurants, Event Planner/Organizer Companies, Real Estate Companies, Apartments, Retirement Homes, Nursing Homes, Assisted Living Facilities, etc.	The Housing and Furnishings industries are critical to a thriving economy according to the US Chamber of Commerce and industry market research. Employment in housing and furnishing industries can lead to early employability with advancement through post-secondary study. The program assesses:1. Careers in Housing and Furnishing; 2. Knowledge of Housing and Furnishing Processes; 3. Residential Housing, Furnishing and Design Concepts; 4. Professional Communications; 5. Professional Practices.	**KEEP**	
Arts, A/V Technology & Communications	Interior Design Fundamentals	73	American Association of Family and Consumer Sciences (AAFCS)	Interior Design Magazine, U. S. Green Building Council, National Kitchen and Bath Association, Converse College, Anderson University, South Carolina State University, Winthrop University, Horry-Georgetown Technical College, Midlands Technical College, Art Institute, Savannah College of Art and Design,	Arts, A/V Technology & Communications 73 - Interior Design Fundamentals American Association of Family and Consumer Sciences (AAFCS) Interior Design Magazine, U. S. Green Building Council, National Kitchen and Bath Association, Converse College, Anderson University, South Carolina State University, Winthrop University, Horry-Georgetown Technical College, Midlands Technical College, Art Institute, Savannah College of Art and Design, This certification is a natural pathway into interior design at the entry-level and for further study at a four-year institution. The skills attained will add to the resume and portfolio of the applicant for college application or job entry into the home furnishings industry.	**KEEP**	
Arts, A/V Technology & Communications	PrintED®-GAERF®	A12	Graphic Arts Education and Research Foundation (GAERF®)	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama		**KEEP**	
Business	QuickBooks Certified User (Intuit Quickbooks)	158	Certiport	Accounting, Williford Roofing and Construction, Moore and Moore CPA, Profound Real Estate,		**KEEP**	
Business Management & Administration *(also Arts, A/V Technology & Communications)*	Adobe® Certified Associate - Visual Communication with Adobe Photoshop	80	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama, National Wild Turkey Federation, All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	Concentrators in the Business Information Management have the opportunity to learn and acquire skills as required from course standards and from teachers who have themselves acquired the certification.	**KEEP**	
Business Management & Administration *(also Arts, A/V Technology & Communications)*	Adobe® Certified Associate–Print & Digital Media Publication with Adobe InDesign	A39	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama, National Wild Turkey Federation, All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	Concentrators in the Business Information Management have the opportunity to learn and acquire skills as required from course standards and from teachers who have themselves acquired the certification.	**KEEP**	
Business Management & Administration *(also Arts, A/V Technology & Communications)*	Adobe® Certified Associate-Web Communication with Adobe Dreamweaver	81	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama, All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	Concentrators in the Business Information Management have the opportunity to learn and acquire skills as required from course standards and from teachers who have themselves acquired the certification.	**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Business Management & Administration *(also Architecture & Construction; Marketing)*	Certified Associate in Project Management (CAPM)	64	Certified Associate in Project Management (CAPM), Project Management Institute	Contract Construction, SPAWAR, All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	Certified Associate in Project Management (CAPM) is a credential offered by the Project Management Institute (PMI) as a professional–level certification aimed at industry professionals. This certification entails that professionals have learned theories, tools, and techniques used to ensure project success: task organization and sequencing; schedule development; critical path methods, milestone, PERT, and Gantt charts; reverse planning methods; and cost, performance, and client considerations. Concentrators in the Administrative Services, General Management, Business Information Management, Human Resource Management, and Operations Management have the opportunity to learn and acquire skills in project management from teachers who have themselves acquired the certification.	**KEEP**	
Business Management & Administration *(also Information Technology)*	IC 3 (Internet and Computer Core Certification)	19	IC3 Digital Literacy Certification by Certiport	SPAWAR, FUSE Marketing, HPC Counsulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	The Internet and Computing Core Certification (IC³) program ensures that students have the knowledge and skills required for basic use of computer hardware, software, networks, and the Internet. IC³ is a gateway to advancement in education, employment, or other certification programs. Concentrators in the Administrative Services, General Management, Business Information Management, Human Resource Management, and Operations Management have the opportunity in their program of study to learn and acquire digital literacy skills to be successful on this certification.	**KEEP**	
Business Management & Administration *(also Finance)*	MOS Office 2016 – Excel 2016 Expert	103	Microsoft ®	Berkeley County Government, Nucor, ECPI University		**KEEP**	
Business Management & Administration	MOS: Microsoft Office Access 2013	A36	Microsoft ®	Berkeley County Government, Nucor, ECPI University		**KEEP**	
Business Management & Administration	MOS: Office 2010 - Access 2010	92	Microsoft ®	Berkeley County Government, Nucor, ECPI University		**KEEP**	
Business Management & Administration	MOS: Office 2010 - Excel 2010 Expert	89	Microsoft ®	Berkeley County Government, Nucor, ECPI University		**KEEP**	
Business Management & Administration	MOS: Office 2010 - Word 2010 Expert	87	Microsoft ®	Berkeley County Government, Nucor, ECPI University		**KEEP**	
Business Management & Administration	MOS: Office 2016 – Access 2016	105	Microsoft ®	Berkeley County Government, Nucor, ECPI University		**KEEP**	
Business Management & Administration	MOS: Office 2016 – Word 2016 Expert	101	Microsoft ®	Berkeley County Government, Nucor, ECPI University		**KEEP**	
Business Management & Administration *(also Finance; Marketing)*	OSHA 10 - General On Line Modules	247	Occupational Safety and Health Administration (OSHA)	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	Concentrators in the Administrative Services, General Management, Business Information Management, Human Resource Management, and Operations Management have the opportunity to learn and acquire safety skills in all their course standards.	**DELETE**	Using one code for OSHA certifications - 63 OSHA 10
Education & Training	Early Childhood Education Assessment Certification	67	American Association of Family and Consumer Sciences (AAFCS)	Dorchester School District Two After School Programs, Lander University, SC Technical College System, First Steps, HeadStart, SC State University, Wonthrop University, Kinder Care, Inc. National Chidcare Association		**KEEP**	
Education & Training	Education Fundamentals	70	American Association of Family and Consumer Sciences (AAFCS)	• Elementary, middle, and secondary schools, • After-school programs; • Higher education, non-profit, and corporate settings.	The Education Fundamentals assessment and certification are: • driven by industry standards; • based on relevant content standards and consistent with the National Standards for Family and Consumer Sciences Education and the National Career Clusters Initiative; • appropriate to validate achievement of competencies related to the fundamentals of education and training;	**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Education & Training	ParaPro Assessment	A17	ParaPro	Trident Technical College, Dorchester School District Two After School Programs, All SC School Districts		**KEEP**	
Education & Training	Praxis Core	268	Educational Testing Service	Teacher Preparation Programs Accredited by the NCATE, TEAC, or CAEP •Anderson University •Benedict College •Charleston Southern University •Claflin University •Clemson University •Coastal Carolina University •Coker College •College of Charleston •Columbia College •Converse College •Erskine College •Francis Marion University •Furman University •Lander University •Limestone College •Morris College •ADDberry College •North Greenville University •Presbyterian College •South Carolina State University •Southern Wesleyan University •The Citadel •The College of Charleston •University of South Carolina-Aiken, Beaufort, Columbia, Upstate •Winthrop University	Praxis Core is required to be passed to proceed with licensure in South Carolina; also for admittance in to college and university teacher preparation programs https://www.ets.org/praxis/sc Praxis Core is a basic skills test covering mathematics, reading, and writing. The mathematics section is comprised of multiple choice and numeric entry questions. The reading section is comprised of multiple choice questions as well as some alternate question types, such as "select in passage" responses. The writing section is comprised primarily of multiple choice questions, but also includes two essays. Often colleges use Praxis Core scores to evaluate candidates for entry into teacher preparation programs	**KEEP**	
Education & Training	SC 15-Hour Health and Safety Pre-Service Certificate	267	The Division of Early Care and Education a division of the South Carolina Department of Social Services.	Aiken Technical College, Central Carolina Technical College, Denmark Technical College Florence-Darlington Technical College, Greenville Technical College, Horry-Georgetown Technical College, Midlands Technical College, Orangeburg-Calhoun Technical College, Piedmont Technical College, Spartanburg Technical College, Technical College of the Lowcountry, Tri-County Technical College, Trident Technical College, Williamsburg Technical College, York Technical College, Head start, First Steps, Primrose Academy, All licensed child care facilities through DSS with ABC Quality/SC Voucher	As of August 1, 2018 the SC Health and Safety Pre-Service Certificate will cover the topics listed below over 15 hours and thirteen courses. The SC 15–hour Health and Safety Pre-Service Certificate is required for ABC Quality/SC Voucher administrators and teachers, but available for all early care and education providers and staff. • Prevention and control of infectious diseases • SIDS and the use of safe sleep practices • Administration of medication • Prevention of and response to food allergies • Building and physical premises safety • Prevention of shaken baby syndrome & abusive head trauma • Emergency preparedness & response planning • Storage of hazardous materials & bio-contaminants • Precautions in transporting children • First-aid and CPR • Nutrition and physical activity	**KEEP**	Field request added January 29, 2019
Education & Training	South Carolina Early Childhood Credential	59	South Carolina Early Childhood Credential	SC Technical College System, Greenville First Steps, Primrose Academy		**KEEP**	
Education & Training	The Child Development Associate Credential	A65	National Council for Professional Recognition	Trident Technical College, South Carolina State College, Winthrop University, Central Carolina Technical College, NAEYC		**KEEP**	
Finance *(also Business Management & Administration)*	MOS Office 2016 – Excel 2016 Expert	103	Microsoft ®	Berkeley County Government, Nucor, ECPI University, All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	Concentrators in the Finance programs: Accounting, Business Finance, Banking Services, Insurance, and Securities and Investments have the opportunity to master skills in using MS Excel, a commonly used software used in the Business and Finance industries.	**KEEP**	
Finance *(also Business Management & Administration, Marketing)*	OSHA 10 - General On Line Modules	247	Occupational Safety and Health Administration (OSHA)	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	Concentrators in the Finance programs: Accounting, Business Finance, Banking Services, Insurance, and Securities and Investments have the opportunity to learn and acquire safety skills in all their course standards.	**DELETE**	Using one code for OSHA certifications - 63 OSHA 10

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Finance	QuickBooks Certified User	158	Certiport	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	QuickBooks is one of the best–selling versions of small business financial software. QuickBooks certification is proof to clients or employers that you are proficient using QuickBooks. You become QuickBooks certified by passing Intuit's QuickBooks Certification Exam. Concentrators in all of the the Finance programs of study, Accounting, Banking Services, and Business Finance, will have the opportunity to demonstrate and master software accounting skills. Obtaining a certification in Peachtree is helpful in proving software skills acquisition and career-readiness.	**KEEP**	
Finance	Sage 50 Peachtree Accounting Certification	250	Sage 50 Peachtree Accounting	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	Peachtree is a staple software program used in the accounting world for business and educational purposes nationwide. Peachtree allows users to perform many accounting functions for businesses, such as journal entries, customer account management and the production of financial statements. There are levels of software available, depending on the business's size and needs. Obtaining a certification in Peachtree is helpful in proving software skills acquisition and career-readiness.	**KEEP**	
Finance	SC Property and Casualty Producer License	246	S.C. Department of Insurance	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, SC Department of Insurance, State Farm, YesCarolina	The South Carolina Department of Insurance is responsible for licensing and regulating the Insurance profession in the State of South Carolina. SC Property and Casualty Producer License is a required license in South Carolina to sell property and casualty insurance. Concentrators in the Insurance program will have the opportunity to learn and master the skills necessary to acquire this S.C. license.	**KEEP**	
Health Science	Biotechnician Assistant Credential	215	Biotility-Applied Biotech Credential Exam (BACE)	Companies and research organizations in the biotechnology, pharmaceuticals, medical devices, and bioagriculture sectors	The Biotechnician Assistant Credential (BACE) is an industry-recognized credential for the Project Lead The Way Biomedical Sciences pathway. The exam is designed to assess core skills and knowledge sets identified by industry, and represented within the academic and performance standards of Biotechnology programs. The exam was originally vetted by the state of Florida's industry organization, BioFlorida, which represents more than 3,000 companies and research organizations in the biotechnology, pharmaceuticals, medical devices, and bioagriculture sectors. Since its creation, BACE has been assessed by national and international companies as other states (and other countries) adopt the exam.	**KEEP**	
Health Science	Career Safe OSHA 10-Hour General Industry (Healthcare) Credential	A76	Occupational Safety and Health Administration (OSHA)	SC Hospital Association, Strand Orthopedics, Carolina Orthopedics, National Healthcare, Kingston Nursing Home, Spartanburg Regional Healthcare System, Mountainview Nursing Home, Middle Tyger Community Center, Spartanburg Community College, Mary Black Hospital System, Studio Rejuvenate, Palmetto Health		**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Health Science	Certified Clinical Medical Assistant	166	National Healthcareer Association (NHA)	Medical Offices, Clinics, Urgent Care Centers, General Medicine, or Specialty Clinics	A medical assistant is a multi-skilled allied health care professional that specializes in procedures commonly performed in the ambulatory health care setting. Medical assistants perform both clinical and administrative duties and assist a variety of providers including physicians, nurse practitioners and physician assistants. They typically work in medical offices, clinics, urgent care centers and may work in general medicine or specialty practices.According to the Bureau of Labor and Statistics (BLS), employment of medical assistants is expected to grow 23 percent from 2014 to 2024, much faster than the average for all occupations, which are expected to grow around 7 percent.	**KEEP**	
Health Science	Certified Electronic Health Records Specialist	A75	National Healthcareer Association (NHA)	Roper, Spartanburg Regional Healthcare, Mary Black Hospital System		**KEEP**	
Health Science	Certified Medical Administrative Assistant	A73	National Healthcareer Association (NHA)	All doctors' offices and medical facilities	As a Certified Medical Administrative Assistant (also called a Medical Office Secretary or Medical Office Assistant), you'll keep healthcare offices running efficiently and effectively. This is a highly-rewarding profession - and not only monetarily. Medical assistants are often the first to greet and help patients, and can help set the stage for a patient's experience.	**KEEP**	
Health Science	Certified Medical Billing and Coding Specialist	A74	National Healthcareer Association (NHA)	Palmetto Health, Spartanburg Regional Healthcare, Mary Black Hospital, Roper, SC Technical College System		**KEEP**	
Health Science	Certified Nurse Aide (CNA)	12	South Carolina Department of Health and Human Services (SCDHHS)	Hospitals systems: St Francis, Providence, Roper, Trident, MUSC, McLeod, Palmetto, SC Technica College System, Spartanburg Regional Healthcare, Mary Black Hospital, Self Regional Healthcare, Lander University, Beaufort Memorial Hospital, National Health Care Corp. of Bluffton, Bayview Manor of Beaufort,National Health Care, SC Technical College System, Tidelands Health, Loris Rehab and Nursing Center, Aiken Regional Medical		**KEEP**	
Health Science	Certified Patient Care Technician (CPCT)	A66	National Healthcareer Association (NHA)	Hospitals systems: St Francis, Providence, Roper, Trident, MUSC, McLeod, Palmetto, SC Technical College System, Spartanburg Regional Healthcare, Mary Black Hospital, Self Regional Healthcare, Lander University, Beaufort Memorial Hospital, National Health Care Corp. of Bluffton, Bayview Manor of Beaufort,National Health Care, SC Technical College System, Tidelands Health, Loris Rehab and Nursing Center,, Aiken Regional Medical		**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Health Science	Direct Support Professional	251	The National Alliance for Direct Support Professionals (NADSP)	Department of Mental Health, Department of Social Services, Public and Private schools, Private	The NADSP certification program offers powerful benefits to practitioners, their employers and to the people they support. Direct support Professionals benefit by learning and applying best practices and evidence-based skill and knowledge in the workplace. The organizations employing credentialed DSPs can provide stronger assurances of quality to funders and people supported, and can proudly market their employment of nationally certified staff. People receiving supports from certified DSPs will have the advantage of partnering with highly trained professionals committed to supporting them using the ethical and effective interventions that they have mastered.Finally, anecdotal evidence suggests that employees who complete rigorous credential programs stay on the job longer and provide a higher quality of support.	**KEEP**	
Health Science	Electrocardiographic (EKG) Technician	51	American Society of Phlebotomy Technicians (ASPT)	Spartanburg Community College, Greenville Technical College		**KEEP**	
Health Science	Emergency Medical Technician	15	Emergency Medical Technician (EMT)	Berkeley County Government, Roper Hospital, Spartanburg EMS, Anderson County Fire, MedShore EMS, Simpsonville Fire, Belton Fire, Pelzer Fire, Powdersville Fire		**KEEP**	
Health Science	First Responder	18	American Red Cross	Roebuck Fire Department, Reidville Fire Department, Sumter Fire Department, Anderson County Fire, MedShore EMS, Simpsonville Fire, Belton Fire, Pelzer Fire, Powdersville Fire		**KEEP**	
Health Science	Healthcare Providers Basic Life Support (BLS)	A93	American Heart Association (AHA)	Hospitals: Roper, Trident, MUSC, Spartanburg Regional Healthcare, Mary Black Hospital, Self Regional Healthcare, Lander University; Beaufort Memorial; National Healthcare Corp of Bluffton; Bayview Manor		**KEEP**	
Health Science	National Health Science Assessment	24	National Consortium for Health Science Education (NCHSE)	Self Regional Healthcare, Lander University		**KEEP**	
Health Science	Pharmacy Technician	35	Pharmacy Technician Certification Board (PTCB)	CVS, WalGreens, Cut Rate Drug Store, Palmetto Health		**KEEP**	
Health Science	Phlebotomist	52	The American Society of Phlebotomy Technicians (ASPT)	SC Technical College System, Greenville First Steps, Primrose Academy		**KEEP**	
Hospitality & Tourism	Cooking and Baking Credential	A49	National Restaurant Association	SC Technical College System, Kroger, Publix, Whole Foods, Baker's Sweet, Bi-Lo, Walmart, Fuddruckers, Longhorn		**KEEP**	
Hospitality & Tourism	Certified Culinarian® (CC®)	269	American Culinary Federation (ACF)	SC Technical College System, Kroger, Publix, Whole Foods, Baker's Sweet, Bi-Lo, Walmart, Fuddruckers, Longhorn	An entry level culinarian within a commercial foodservice operation responsible for preparing and cooking sauces, cold food, fish, soups and stocks, meats, vegetables, eggs and other food items.ACF is now the largest professional chefs' organization in North America. We are made up of more than 15,000 members belonging to more than 150 chapters in four regions across the U.S. Today, ACF is the leader in offering educational resources, training, apprenticeship, competitions and programmatic accreditation designed to enhance professional growth for all current and future chefs and pastry chefs. In addition, ACF operates the most comprehensive culinary certification program in the world. ACF is home to ACF Culinary Team USA, the official representative for the United States in major international competitions.	**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Hospitality & Tourism	Certified Fundamentals Cook® (CFC®) ~~Certified Junior Culinarian~~	A9	American Culinary Federation (ACF)	SC Technical College System, Kroger, Publix, Whole Foods, Baker's Sweet, Bi-Lo, Walmart, Fuddruckers, Longhorn	A cook with fundamental knowledge and no experience within a commercial foodservice operation. ACF is now the largest professional chefs' organization in North America. We are made up of more than 15,000 members belonging to more than 150 chapters in four regions across the U.S. Today, ACF is the leader in offering educational resources, training, apprenticeship, competitions and programmatic accreditation designed to enhance professional growth for all current and future chefs and pastry chefs. In addition, ACF operates the most comprehensive culinary certification program in the world. ACF is home to ACF Culinary Team USA, the official representative for the United States in major international competitions.	KEEP	
Hospitality & Tourism	Certified Fundamentals Pastry Cook™ (CFPC™) ~~ACF Retail Commercial Baking~~	A43	American Culinary Federation (ACF)	SC Technical College System, Kroger, Publix, Whole Foods, Baker's Sweet, Bi-Lo, Walmart, Fuddruckers, Longhorn	A cook with fundamental knowledge and no experience within a commercial baking and pastry operation. ACF is now the largest professional chefs' organization in North America. We are made up of more than 15,000 members belonging to more than 150 chapters in four regions across the U.S. Today, ACF is the leader in offering educational resources, training, apprenticeship, competitions and programmatic accreditation designed to enhance professional growth for all current and future chefs and pastry chefs. In addition, ACF operates the most comprehensive culinary certification program in the world. ACF is home to ACF Culinary Team USA, the official representative for the United States in major international competitions.	KEEP	Revised January 31, 2019 Change from ACF Retail Commercial Baking to Certified Fundamentals Pastry Cook ™
Hospitality & Tourism	Certified Hospitality & Tourism Management Professional (CHTMP)	271	American Hotel & Lodging Educational Institute (AHLEI)	• Accommodations-Hotels, resorts, motels, hostels, vacation rentals, vacation ownership, bed & breakfast properties, recreational vehicles and camping • Food & Beverage-Restaurants, full-service, fine dining, quick service, banquet facilities, lounges • Transportation-Airlines, cruise lines, rail, car rentals, tour/coach operators, bus lines, taxis • Attractions-Theme parks, zoos, national/state/local parks, natural wonders, heritage sites	The Hospitality and Tourism Management Program (HTMP), was developed by industry experts and members of the American Hotel & Lodging Association as the official industry-recognized curriculum to prepare students for roles in the hotel industry and beyond. In order to earn the CHTMP certification, students must complete 100 hours of paid or unpaid work experience in one or more of the following qualifying positions. HTMP takes advantage of these opportunities, helping high school juniors and seniors take their first real steps toward promising hospitality careers.	KEEP	Certified Hospitality & Tourism Management Professional (CHTMP) 1. HTMP: Certified Guest Service Professional (CGSP®) 2. HTMP: Certified Front Desk Representative 3. HTMP: Certified Restaurant Server
Hospitality & Tourism	Certified Pastry Culinarian® (CPC®)	270	American Culinary Federation (ACF)	SC Technical College System, Kroger, Publix, Whole Foods, Baker's Sweet, Bi-Lo, Walmart, Fuddruckers, Longhorn	An entry level culinarian within a pastry foodservice operation responsible for the preparation and production of pies, cookies, cakes, breads, rolls, desserts or other baked goods. ACF is now the largest professional chefs' organization in North America. We are made up of more than 15,000 members belonging to more than 150 chapters in four regions across the U.S. Today, ACF is the leader in offering educational resources, training, apprenticeship, competitions and programmatic accreditation designed to enhance professional growth for all current and future chefs and pastry chefs. In addition, ACF operates the most comprehensive culinary certification program in the world. ACF is home to ACF Culinary Team USA, the official representative for the United States in major international competitions.	KEEP	Added January 31, 2019 per request from the field

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Hospitality & Tourism	Guest Service Gold – Making the Connection	207	American Hotel & Lodging Educational Institute (AHLEI)	There are more than 3900 Hotels in South Carolina that are waterfront, beachfront, lakefront, riverfront, in the mountains, etc. that recognize and accept professional certification from the American Hotel & Lodging Educational Institute - Trident Technical College, University of South Carolina	Professional certification from the American Hotel & Lodging Educational Institute is the ultimate distinction of professional excellence for the hospitality industry. AHLEI certifies and validates competencies in conjunction with academia and industry experts for more than 20 positions in the hospitality industry.	**KEEP**	
Hospitality & Tourism	Guest Service Gold – Tourism	209	American Hotel & Lodging Educational Institute (AHLEI)	• Accommodations-Hotels, resorts, motels, hostels, vacation rentals, vacation ownership, bed & breakfast properties, recreational vehicles and camping • Food & Beverage-Restaurants, full-service, fine dining, quick service, banquet facilities, lounges • Transportation-Airlines, cruise lines, rail, car rentals, tour/coach operators, bus lines, taxis • Attractions-Theme parks, zoos, national/state/local parks, natural wonders, heritage sites	The Hospitality and Tourism Management Program (HTMP), was developed by industry experts and members of the American Hotel & Lodging Association as the official industry-recognized curriculum to prepare students for roles in the hotel industry and beyond. In order to earn the CHTMP certification, students must complete 100 hours of paid or unpaid work experience in one or more of the following qualifying positions. HTMP takes advantage of these opportunities, helping high school juniors and seniors take their first real steps toward promising hospitality careers.	**KEEP**	
Hospitality & Tourism	Guest Service Gold: Golden Opportunities	208	American Hotel & Lodging Educational Institute (AHLEI)	There are more than 3900 Hotels in South Carolina that are waterfront, beachfront, lakefront, riverfront, in the mountains, etc. that recognize and accept professional certification from the American Hotel & Lodging Educational Institute - Trident Technical College, University of South Carolina	Professional certification from the American Hotel & Lodging Educational Institute is the ultimate distinction of professional excellence for the hospitality industry. AHLEI certifies and validates competencies in conjunction with academia and industry experts for more than 20 positions in the hospitality industry.	**KEEP**	
Hospitality & Tourism	ProStart®	37	National Restaurant Association	SC Technical College System, Bob Jones University, Chef360, Restaurants and Hotels Technical, Colleges, Universities and Private Post-Secondary Institutions that offer Culinary Arts Degrees.	Students who have completed the requirements of the ProStart program are awarded an industry-recognized certificate – the ProStart National Certificate of Achievement. To earn the certificate, students pass two national exams, demonstrate a mastery of foundational skills and work 400 mentored hours.	**KEEP**	
Hospitality & Tourism	Skills, Tasks, and Results Training (START) Certification	A14	American Hotel & Lodging Educational Institute (AHLEI)	Trident Technical College, University of South Carolina, College of Charleston, Marriott, Hyatt, American Hotel & Lodging Association	There are more than 3900 Hotels in South Carolina that are waterfront, beachfront, lakefront, riverfront, in the mountains, etc. that recognize and accept professional certification from the American Hotel & Lodging Educational Institute - Trident Technical College, University of South Carolina	**KEEP**	Skills, Tasks, and Results Training (START) Certification is the opportunity to earn an industry recognized and portable professional certification 1. Front Desk Representative 2. Guestroom Attendant 3. Maintenance Employee 4. Restaurant Server 5. Breakfast Attendant 6. Certified Kitchen Cook
Hospitality & Tourism *(also Human Services)*	ServSafe® Food Handler	49	ServSafe®	SC Technical College System, Marcos PIzza, Daisy Cakes, Nacho Taco, Cribbs Kitchen, Bojangles, Zaxbys, Caro-Mi Restaurant, Sports Break, Break on the Lake, Main Event Catering, University of South Carolina Beaufort, Golden Corral, Captain D's, The Hamptons, Bob Jones University, Chef360; Marriot Vacations Worldwide Hilton Head; Sodexo of Beaufort		**KEEP**	
Hospitality & Tourism *(also Human Services)*	ServSafe® Manager	A15	ServSafe®	SC Technical College System, Art Institute of Charleston, Marcos Pizza, Daisy Cakes, Nacho Taco, Cribbs Kitchen, Bojangles, Zaxbys, Caro-Mi Restaurant, Sports Break, Break on the Lake, Main Event Catering, Golden Corral, Captain D's, The Hamptons, Bob Jones University, Chef360		**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Human Services	Broad Field Family and Consumer Sciences Certification	66	American Association of Family and Consumer Sciences (AAFCS)	The knowledge and skills validated span across a broad range of Family and Consumer Sciences content areas and are central to career areas involving: human services, consumer services, protection, and advising, education and training (public and community-based), or social and community services; South Carolina State University, Winthrop University, Bob Jones University	Family and Consumer Sciences has been on the critical needs subject area list for more than 15 years. is a relevant academic program offering courses which support Keystone and SAT testing through critical reading and writing skills; the program reinforces rigorous academic studies, integrates math, science, and metacognitive skills, and allows students to capitalize on their natural abilities to learn the most effective strategies for success by hands-on experiences. Family and Consumer Sciences has been on the Critical Needs Subject Area listing for more than 15 years. The assessment and certification will be used to: document exit-level achievement in rigorous secondary programs and lower division post-secondary courses; satisfy federal accountability reporting mandates required by Perkins IV legislation; facilitate seamless articulation, placement, and credit-by exam within post-secondary institutions; validate competencies required for employment at the pre-professional and/or paraprofessional level; and provide an industry-recognized certification.	**KEEP**	
Human Services *(also Agriculture, Food & Natural Resources)*	Food Safety and Science Certification	A79	iCEV Multimedia / National Collegiate Livestock Coaches Association	USDA, Clemson		**KEEP**	
Human Services	Nutrition, Food, and Wellness	74	American Association of Family and Consumer Sciences (AAFCS)	Sodexo, Dairy Council, Department of Agriculture, Food and Drug Administration, Earth Fare - Wellness Clerk, Spartanburg Regional Healthcare System, Kershaw Health, Nutrition Assistant, Food and Beverage Host, Beaufort Memorial Hospital - Food and Nutrition Aide, Healthcare Services Group-Food Service Worker, Health Food Stores - GNC, The Vitamin Shoppe, South Carolina State University, Winthrop University, Clemson University, Bob Jones University	South Carolina has the 12th highest adult obesity rate in the nation, according to The State of Obesity: Better Policies for a Healthier America released August 2017. South Carolina's adult obesity rate is currently 32.3 percent, up from 21.1 percent in 2000 and from 12.0 percent in 1990. Overweight and obesity by categories - 35% of adults are overweight and 32.1% are obese; 16.8% of adolescents were overweight and 13.9% of adolescents were obese	**KEEP**	
Human Services	South Carolina Cosmetology License	39	South Carolina Board of Cosmetology	Required by all licensed providers		**KEEP**	
Human Services	South Carolina Esthetician	A28	South Carolina Board of Cosmetology	Required by all licensed providers		**KEEP**	
Human Services	South Carolina Hair Braiding Registration	A27	South Carolina Board of Barber Examiners	Required by all licensed providers		**KEEP**	
Human Services	South Carolina Master Hair Care License	A42	South Carolina Board of Barber Examiners	Required by all licensed providers		**KEEP**	
Human Services	South Carolina Nail Technician License	55	South Carolina Board of Cosmetology	Required by all licensed providers		**KEEP**	
Human Services	South Carolina Registered Barber License	A26	South Carolina Board of Barber Examiners	Required by all licensed providers		**KEEP**	
Human Services *(also Hospitality & Tourism)*	ServSafe® Food Handler	49	ServSafe®	SC Technical College System, Marcos PIzza, Daisy Cakes, Nacho Taco, Cribbs Kitchen, Bojangles, Zaxbys, Caro-Mi Restaurant, Sports Break, Break on the Lake, Main Event Catering, University of South Carolina Beaufort, Golden Corral, Captain D's, The Hamptons, Bob Jones University, Chef360; Marriot Vacations Worldwide Hilton Head; Sodexo of Beaufort		**KEEP**	
Human Services *(also Hospitality & Tourism)*	ServSafe® Manager	A15	ServSafe®	SC Technical College System, Art Institute of Charleston, Marcos Pizza, Daisy Cakes, Nacho Taco, Cribbs Kitchen, Bojangles, Zaxbys, Caro-Mi Restaurant, Sports Break, Break on the Lake, Main Event Catering, Golden Corral, Captain D's, The Hamptons, Bob Jones University, Chef360		**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Information Technology	Associate of Information Security Certification (ISC)²	278	(ISC)²®	ADT Business Security, Vivint Smart Home Security System, CPI Security, FrontPoint, Life Shield, Bravo 1, Vector Security	The Associate of (ISC)² is an alternative to normal certification processes. It isn't an entry-level cybersecurity certification in the traditional sense. You don't need years of work experience to take any of our certification exams. The Associate of (ISC)² is a designation. It proves your knowledge in cybersecurity right away. You can take a certification exam without the work experience. If you pass, you simply work to get the experience needed for certification.	**KEEP**	Requires covering these details in the Cyber Security courses.
Information Technology	Autodesk User Certification for Maya	A54	Autodesk®	SPAWAR, Contract Construction, PLTW		**KEEP**	
Information Technology	CASP: CompTIA Advanced Security Practitioner	273	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College	The CompTIA CASP certification is an advanced certification that validates critical thinking and judgment across a spectrum of security disciplines in complex environments.	**KEEP**	Supported by the Cyber Security courses
Information Technology	CCSK: Certificate of Cloud Security Knowledge	291	Cloud Security Alliance	SC Department of Education IT Services	The CCSK is a web-based examination of an individual's competency in key cloud security issues. Launched in 2010, the CCSK is a widely recognized standard of expertise and is the industry's primary benchmark for measuring cloud security skillsets.	**KEEP**	
Information Technology	CCSLP: Certified Secure Software Lifecycle Professional	280	(ISC)²®	ADT Business Security, Vivint Smart Home Security System, CPI Security, FrontPoint, Life Shield, Bravo 1, Vector Security	The (ISC)² CSSLP is ideal for software developers responsible for applying secure coding practices to each phase of the software development lifecycle.	**KEEP**	Requires covering these details in the Cyber Security courses.
Information Technology	CEH: Certified Ethical Hacker	282	EC Council	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort	A Certified Ethical Hacker is a skilled professional who understands and knows how to look for weaknesses and vulnerabilities in target systems and uses the same knowledge and tools as a malicious hacker, but in a lawful and legitimate manner to assess the security posture of a target system(s). The CEH credential certifies individuals in the specific network security discipline of Ethical Hacking from a vendor-neutral perspective.	**KEEP**	Requires covering these details in the Cyber Security courses.
Information Technology	CHFI: Computer Hacking Forensic Investigator	281	EC Council	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort	Computer forensics is simply the application of computer investigation and analysis techniques in the interests of determining potential legal evidence. The purpose of the CHFI credential is to validate the candidate's skills to identify an intruder's footprints and to properly gather the necessary evidence to prosecute in the court of law.	**KEEP**	Requires covering these details in the Cyber Security courses.
Information Technology	Cisco Certified Entry Networking Technician	60	Cisco ®	Self Regional Heathcare		**KEEP**	
Information Technology	Cisco Certified Network Associate	14	Cisco ®	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort		**KEEP**	
Information Technology	CISSP: Certified Information Systems Security Professional	279	(ISC)²®	ADT Business Security, Vivint Smart Home Security System, CPI Security, FrontPoint, Life Shield, Bravo 1, Vector Security	The CISSP is ideal for experienced security practitioners, managers and executives interested in proving their knowledge across a wide array of security practices and principles.	**KEEP**	Requires covering these details in the Cyber Security courses.
Information Technology	CIW Advanced HTML5 & CSS3 Specialist	302	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	This exam validates deep knowledge of HTML5 and CSS3, and thus assumes a certain amount of existing knowledge (such as basic HTML coding). This course is a natural step up from the current CIW Foundations Site Development Associate (SDA) certification.	**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Information Technology	CIW Data Analyst	305	CIW	Any institution with an online presence that utilizes webpages and networking.	Students demonstrate how to use data to analyze all aspects of a company's operation and make appropriate business decisions. The exam covers how to compare and contrast structured and unstructured data. They will extrapolate information using data obtained from new and traditional data sources, including Web and social media logs, marketing, sales, technical support, and customer relations. The exam validates the students' knowlege of the ways to capture and represent data, including creating dashboards, executive summaries, reports and charts, using both traditional and Web-based tools.	**KEEP**	
Information Technology	CIW Database Design Specialist	309	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	This exam validates the student's knowledge of relational database fundamentals, database design and application, Structured Query Language (SQL), relational algebra and databases, currency control, and database security.	**KEEP**	
Information Technology	CIW E-Commerce Specialist	307	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	This exam is for the individual who already understands the foundations of Web technologies and wants to demonstrate proficiency in e-commerce practices and site design. Skills covered are as follows: E-commerce site development, including ways to conduct business online and manage the technical issues associated with constructing an e-commerce Web site. E-commerce technology and security, including e-commerce technologies at various levels of sophistication, Customer Relationship Management (CRM) software, and practices for securing your online transactions as well as your customers' personal information. E-commerce business, marketing and legal issues, including Web marketing strategies, online product promotion, and legal topics such as taxation and international shipping.	**KEEP**	
Information Technology	CIW Internet Business Associate	299	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	Internet Business Associate prepares students to work effectively in today's business environment. This certification validates the tasks involved in various Information Technology (IT) job roles, and explore career opportunities in the IT industry. Students are tested on Internet connection methods, Internet protocols, the Domain Name System (DNS), cloud computing and mobile devices. The test covers the basic functions of Web browsers, the components of Web addresses and browser use in the business world. It validates the students' depth of knowledge on how browser plug-ins and add-ons can improve your Web-browsing experience, and how to use browsers to download and manage files.	**KEEP**	
Information Technology	CIW JavaScript Specialist	308	CIW	Any institution with an online presence that utilizes webpages and networking.	This exam focuses on the fundamental concepts of the JavaScript language. It validates the skills to design client-side, platform-independent solutions that greatly increase the value of your Web site by providing interactivity and interest. It validates how to use JavaScript to communicate with users, modify the Document Object Model (DOM), control program flow, validate forms, animate images, create cookies, change HTML on the fly, and communicate with databases.	**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Information Technology	CIW Network Technology Associate	301	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	Understanding the fundamentals of networking, Internet protocols and network security is important for all professionals who use the Internet. This certification proves your mastery of the basics of networking and prepares students for further study in the specialty of their choosing.	**KEEP**	
Information Technology	CIW Site Development Associate	300	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	The CIW Site Development Associate exam validates essential Web page development skills. It tests the development of Web sites using Hypertext Markup Language version 5 (HTML5) and Cascading Style Sheets (CSS). Students are tested on the ability to write code manually, as well as use graphical user interface (GUI) authoring tools. They work with images, create hyperlinks, and add tables, forms, video and audio to Web pages.	**KEEP**	
Information Technology	CIW Social Media Strategist	304	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	This exam validates the student's knowlege on how social media is used in a business setting, and how to use social media to boost brand recognition and achieve organizational goals. It validates how to build social media strategies and tactics, build and manage campaigns, and develop social media content. Th usage of major social media platforms, when and how to utilize each platform correctly in business to achieve organizational goals and strategies is validated. Students must know how to plan, develop, promote, deliver, present, and analyze social media activities. The must demonstrate how risks, reputation, crisis response, advertising and promoting are managed and maintained. In addition they must show how metrics, analytics, reporting and social media optimization drive business goals and strategies.	**KEEP**	
Information Technology	CIW User Interface Designer	303	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	This exam validates the strategies and tactics necessary to design user interfaces, with particular emphasis on creating user interfaces for mobile devices. Students must apply essential usability concepts, including clarity, ease of use, simplicity, and detectability. They must demonstrate how information is obtained from the client, sales, and marketing which is utilized to design and develop compelling visual experience Web sites for multiple platforms, including mobile, tablet, and desktop.	**KEEP**	
Information Technology	CIW Web Design Specialist	306	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	This exam validates the skills necessary to specialize in Web site design. It covers more advance Web authoring skills to show the essentials and best practices of Web design, including design theory, tools and technologies. Students with little or no background in Web design should consider starting with the CIW Site Development Foundations exam to learn the basics of Web site authoring and development.	**KEEP**	
Information Technology	CIW Web Foundations Associate	298	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	Certified CIW Web Foundations Associates have validated their understanding of important technologies that affect virtually every business. This certification is ideal for all professionals who use the Internet on the job. Once certified, these individuals are ready to pursue specialties in Web design, e-commerce, JavaScript, databases and other fields.	**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Information Technology	CIW Web Security Professional	311	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	This exam validates the students ability to secure a network from unauthorized activity. It covers security principles, such as establishing an effective security policy, and the different types of hacker activities that you are most likely to encounter in a real world scenario. Individuals with these security skills can pursue or advance careers in many aspects of online and network security. Skill covered are as follows: - Corporate network security policies. - Authentication procedures, encryption standards and implementations. - Ports and protocols that hackers manipulate - Proactive detection and response/reporting methods. - Preventing and managing hacker penetration.	**KEEP**	
Information Technology	CIW Web Security Specialist	310	CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	This exam validates a student's ability to secure a network from unauthorized activity. The exam covers security principles, such as establishing an effective security policy, and the different types of hacker activities that you are most likely to encounter. Individuals with these security skills can pursue or advance careers in many aspects of online and network security.	**KEEP**	
Information Technology	CompTIA A+ *(same as Microsoft A+)*	01	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort		**KEEP**	
Information Technology	CompTIA Cloud Essentials	275	CompTIA: Information Technology (IT) Industry & Association	SC Department of Education IT Services	The CompTIA Cloud Essentials certification focuses on the real-world issues and practical solutions of cloud computing in business and IT. It's the preferred cloud certification for business professionals and non-IT staff. While it isn't a technical-heavy certification, its coverage of cloud computing principles is anything but superficial.	**KEEP**	Supported by the 9-12 CS Standards course grid; will require ADD or modified course standards
Information Technology	CompTIA CySA+: Cybersecurity Analyst	274	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College	The CompTIA Cybersecurity Analyst (CySA+) certification applies behavioral analytics to the IT security field to improve the overall state of IT security.	**KEEP**	Supported by the Cyber Security courses
Information Technology	CompTIA DHTI+	DELETED	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University	The certification is no longer available.	**DELETED**	
Information Technology	CompTIA IT Fundamentals	A7	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College		**KEEP**	
Information Technology	CompTIA Linux+/LPIC-1	297	CompTIA: Information Technology (IT) Industry & Association	Midlands Technical College	The CompTIA Linux+ certification validates the competencies required of an early career system administrator supporting Linux systems.	**KEEP**	Requires using Linux for the Operating Systems course
Information Technology	CompTIA Network+	32	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Unio, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort		**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Information Technology	CompTIA PenTest+	276	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College	The CompTIA PenTest+ certification is for intermediate level cybersecurity professionals who are tasked with penetration testing to manage vulnerabilities on a network.	**KEEP**	Supported by the 9-12 CS Standards course grid; will require new or modified course standards
Information Technology	CompTIA Project+	272	CompTIA: Information Technology (IT) Industry & Association	Contract Construction, SPAWAR	The CompTIA Project+ certification validates the ability to initiate, manage and complete a project or business initiative on time and within budget.	**KEEP**	CAPM, PMI, PMP related
Information Technology	CompTIA Security+ Certification	A52	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College		**KEEP**	
Information Technology	Computer Service Technician Certificate - CST	A23	Accredited Information Technology Certifications - ETA International	SPAWAR, Heritage Trust Federal Credit Union, ECPI University		**KEEP**	
Information Technology	CWNA: Certified Wireless Network Administrator	292	CWNP	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort	CWNA® - Certified Wireless Network Administrator is an administrator level career certification for networkers who are in the field and need to thoroughly understand RF behavior, site surveying, installation, and basic enterprise Wi-Fi security. CWNA is where you learn how RF and IP come together as a Wi-Fi network. The CWNA certification is valid for 3 years.	**KEEP**	
Information Technology	CWTS: Certified Wireless Technology Specialist	293	CWNP	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort	CWTS® - Certified Wireless Technology Specialist is an entry-level certification for sales professionals, project managers, and networkers who are ADD to enterprise Wi-Fi. Learn what Wi-Fi is before you learn how it works. CWTS is a lifetime certification.	**KEEP**	
Information Technology	Database Design & Programming with SQL	A91	Oracle®	SC Technical College System		**KEEP**	
Information Technology	Database Foundations Certified Junior Associate	A89	Oracle®	SC Technical College System		**KEEP**	
Information Technology	GCIH: GIAC Certified Incident Handler	283	GIAC	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort	The GCIH certification requires the candidate to understand what a Security Incident is and to deal with an incident after it has occurred.	**KEEP**	Requires covering these details in the Cyber Security courses.
Information Technology	GISP: GIAC Information Security Professional	284	GIAC	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort	This exam targets Security Professionals that want to fill the gaps in their understanding of technical information security; System, Security, and Network Administrators that want to understand the pragmatic applications of the Common Body of Knowledge; managers that want to understand information security beyond simple terminology and concepts; anyone ADD to information security with some background in information systems and networking. Candidates may also wish to use this certification as an independent assessment of your mastery of the (ISC)2 Common Body of Knowledge.	**KEEP**	Requires covering these details in the Cyber Security courses.
Information Technology	GSEC: GIAC Security Essentials	285	GIAC	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappelear and Associates, Anderson Magazine, HPC Counsulting, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort	This exam targets Security Professionals that want to demonstrate they are qualified for IT systems hands-on roles with respect to security tasks. Candidates are required to demonstrate an understanding of information security beyond simple terminology and concepts.	**KEEP**	Requires covering these details in the Cyber Security courses.
Information Technology *(also Business Management & Administration)*	IC 3 (Internet and Computer Core Certification)	19	IC 3 (Internet and Computer Core Certification)	SPAWAR, FUSE Marketing, HPC Counsulting, Computer Connection, Paladin Cloudware		**KEEP**	

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Information Technology	Information Technology Security (ITS)	277	Accredited Information Technology Certifications - ETA International	SC Technical College System	The Information Technology Security certification covers all areas of cybersecurity for information technology. ITS-certified specialists are expected to have the major knowledge, skills, and abilities in order to perform the professional tasks associated with the development of security plans and processes for information technology and cybersecurity. This certification identifies a specialist's knowledge of computer hardware and software security measures as well as wireless communications security, device security, cryptography, social engineering, virus detection/mitigation, troubleshooting, disaster prevention/recovery and site risk analysis. It is highly suggested that an ITS have prior computer systems and computer networking experience.	KEEP	Requires covering these details in the Cyber Security courses.
Information Technology	Java Foundations Certified Junior Associate	A88	Oracle®	SPAWAR, Berkeley County Government		KEEP	
Information Technology	Linux Essentials	295	Linux Professional Institute	Midlands Technical College	Ability to use basic console line editor and demonstrate an understanding of processes, programs and components of the Linux Operating System.	KEEP	Requires using Linux for the Operating Systems course
Information Technology	LPIC-1 Certified Linux Administrator	296	Linux Professional Institute	Midlands Technical College	Ability to perform maintenance tasks with the command line, install and configure a computer running Linux and be able to configure basic networking.	KEEP	Requires using Linux for the Operating Systems course
Information Technology	Microsoft A+ *(same as CompTIA A+)*		Microsoft ®	Berkeley County Government		DELETED	
Information Technology	Microsoft Certified Solutions Associate (MCSA)	A56	Microsoft ®	Charleston County School District		KEEP	
Information Technology	Microsoft Technology Associate (MTA) Certification	84	Microsoft ®	Charleston County School District		KEEP	
Information Technology	Network Computer Technician Certification – NCT	A21	National Center for Construction Education and Research (NCCER)	ECPI University		KEEP	
Information Technology	Network Systems Technician Certification – NST	A22	Accredited Information Technology Certifications - ETA International	SC Technical College System		KEEP	
Information Technology	OCPJP: Oracle Certified Professional, Java SE8/SE 7 Programmer	294	Oracle®	SPAWAR, Berkeley County Government	This exam covers all fundamental aspects of Java programming (focus on breadth of knowledge) from Oracle's perspective	KEEP	
Information Technology	Oracle®	47	Oracle®	SC Technical College System		KEEP	
Information Technology	Oracle® Certified Associate, Java SE8 Programmer	A90	Oracle®	SC Technical College System		KEEP	
Information Technology	Programming with PL/SQL	A92	Oracle®	SC Technical College System		KEEP	
Information Technology	Systems Security Certified Practitioner - SSCP from (ISC)²®	A53	Systems Security Certified Practitioner - SSCP from (ISC)²®	ADT Business Security, Vivint Smart Home Security System, CPI Security, FrontPoint, Life Shield, Bravo 1, Vector Security		KEEP	
Information Technology	TestOut Client Pro Certification	288	TestOut®	Midlands Technical College	The TestOut Linux Pro certification tests one's ability to use Linux operating system as an IT professional.	KEEP	
Information Technology	TestOut Linux Pro Certification	287	TestOut®	Midlands Technical College	The TestOut Linux Pro certification tests one's ability to use Linux operating system as an IT professional.	KEEP	
Information Technology	TestOut Network Pro Certification	A19	TestOut®	Netopsis of Beaufort, Kershaw School District		KEEP	
Information Technology	TestOut PC Pro Certification	A18	TestOut®	Netopsis of Beaufort		KEEP	
Information Technology	TestOut Routing Pro Certification	290	TestOut®	Netopsis of Beaufort, Kershaw School District	The TestOut Routing certification evaluates a candidate's ability to work with CISCO routing devices as an IT professional.	KEEP	
Information Technology	TestOut Security Pro Certification	A41	TestOut®	SC Technical College System		KEEP	
Information Technology	TestOut Server Pro 2016 Certification	286	TestOut®	SC Technical College System	The TestOut Server Pro 2016 certification measures a candidate's ability to manage the Windows Server 2016 operating systems as an IT professional.	KEEP	
Information Technology	TestOut Switching Pro Certification	289	TestOut®	Netopsis of Beaufort, Kershaw School District	The TestOut Switching certification measures a candidate's ability to work with CISCO switching devices as an IT professional.	KEEP	

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Information Technology	TestOut Windows Server Pro: Advance Services (Part 3)	A59	TestOut®	SC Technical College System		**KEEP**	
Information Technology	TestOut Windows Server Pro: Install and Configure (Part 1))	A57	TestOut®	SC Technical College System		**KEEP**	
Information Technology	TestOut Windows Server Pro: Manage and Administer (Part 2)	A58	TestOut®	SC Technical College System		**KEEP**	
Information Technology	Wireless Network Technician Certification - WNT	A24	Accredited Information Technology Certifications - ETA International	SPAWAR		**KEEP**	
Law, Public Safety,	Basic Auto Extrication (Firefighter)	222	SC Fire Academy	Goose Creek Rural Fire Department, Poplar Springs Fire Department, Roebuck Fire Department, Reidville Fire Department, Sumter Fire Department		**KEEP**	
Law, Public Safety, Corrections & Security	Emergency Telecommunicator Certification	A29	National Academies of Emergency Dispatch (NAED)	Berkeley County Government, Roper Hospital, Williamston Police Department, MedShore EMS		**KEEP**	
Law, Public Safety,	Hazardous Material Awareness (Firefighter)	231	SC Fire Academy	Goose Creek Rural Fire Department, Poplar Springs Fire Department, Roebuck Fire Department, Reidville Fire Department, Sumter Fire Department, South Carolina Fire Academy; Bluffton Township Fire Department		**KEEP**	
Law, Public Safety,	Hazardous Material Operations (Firefighter)	232	SC Fire Academy	Goose Creek Rural Fire Department, Sumter Fire Department, South Carolina Fire Academy; Bluffton Township Fire Department		**KEEP**	
Law, Public Safety,	Hybrid Firefighter I Class Code 1402	233	SC State Certification	Goose Creek Rural Fire Department		**KEEP**	
Law, Public Safety,	Hybrid Firefighter II Class Code 1403	234	SC State Certification	Goose Creek Rural Fire Department		**KEEP**	
Law, Public Safety, Corrections & Security	National Incident Management System Certification	A70	Federal Emergency Management Agency (FEMA)	Berkeley County Government;		**KEEP**	
Law, Public Safety, Corrections & Security	OSHA Firefighter	156	Occupational Safety and Health Administration (OSHA)	Goose Creek Rural Fire Department, Poplar Sprints Fire Department, Roebuck Fire Department, Reidville Fire Department, Sumter Fire Department, South Carolina Fire Academy, all local agencies		**DELETE**	Using one code for OSHA certifications - 63 OSHA 10
Law, Public Safety, Corrections & Security	SCFA Certificate NFPA 1001 Firefighter I – 1196	161	South Carolina Fire Academy (SCFA)	Goose Creek Rural Fire Department, Poplar Sprints Fire Department, Roebuck Fire Department, Reidville Fire Department, Bluffton Township Fire Department, South Carolina Fire Academy, all local agencies		**KEEP**	
Law, Public Safety, Corrections & Security	SCFA Certificate NFPA 1001 Firefighter II – 1197	162	South Carolina Fire Academy (SCFA)	Goose Creek Rural Fire Department		**KEEP**	
Manufacturing	American Welding Society (AWS)	07	American Welding Society (AWS)	Landmark Construction, Trident Construction, TICO of Ridgeland, Pender Brothers of Beaufort, Lowcountry Pavers,JCB of North America, Wildcat, IMS of Belton, Lollis Metal, TriCounty Technical College, Trantec		**KEEP**	
Manufacturing	Electronics Technician	10	Electronics Technicians Association (ETA)			**KEEP**	
Manufacturing	LEAN (Six Sigma) Manufacturing Certification	235	Council for Six Sigma/SME/AME	Continental Tire, Volvo		**KEEP**	
Manufacturing	MSSC: CPT Maintenance Awareness	236	Manufacturing Skill Standards Council (MSSC)	Continental Tire, Volvo		**KEEP**	
Manufacturing	MSSC: CPT Manufacturing Processes and Productio	237	Manufacturing Skill Standards Council (MSSC)	Continental Tire, Volvo		**KEEP**	
Manufacturing	MSSC: CPT Quality Practices	238	Manufacturing Skill Standards Council (MSSC)	Continental Tire, Volvo		**KEEP**	
Manufacturing	MSSC: CPT Safety	239	Manufacturing Skill Standards Council (MSSC)	Continental Tire, Volvo		**KEEP**	
Manufacturing	NCCER - Mechatronics	28	(NCCER) Manufacturing Skills Standards Council (MSSC) CPT Certified Production Technician	Contract Construction, Volvo and ABB Robotics, Bosch N.Charleston, Scout Boats, Hubner Mt. Pleasant, Trident Technical College		**KEEP**	

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Manufacturing	NCCER – Welding Technology	31	National Center for Construction Education and Research (NCCER)	Landmark Construction, Contract Construction, Nucor		**KEEP**	
Manufacturing	NIMS	33	National Institute for Metalworking Skills (NIMS)	Nucor, Spartanburg Community College, Greenville Technical College, Spartanburg Steel, SEW Eurodrive, Gestamp, Amamco, Aberger, AFL, Springfield Tool & Die		**KEEP**	
Marketing	Bing Ads Accredited Professional	206	Microsoft ®	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	This certification focuses on fundamentals of search engine marketing, marketing optimization to maximize desired business outcomes, and managing marketing budgets. Concentrators in the Marketing programs, Management Management, Marketing Communications, Marketing Research, and Merchandising, have the opportunity to acquire the necessary skills to become certified.	**KEEP**	
Marketing *(also Architecture & Construction; Business Management & Administration)*	Certified Associate in Project Management (CAPM)	64	Certified Associate in Project Management (CAPM), Project Management Institute	Contract Construction, SPAWAR, All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	Certified Associate in Project Management (CAPM) is a credential offered by the Project Management Institute (PMI) as a professional–level certification aimed at industry professionals. This certification entails that professionals have learned theories, tools, and techniques used to ensure project success: task organization and sequencing; schedule development; critical path methods, milestone, PERT, and Gantt charts; reverse planning methods; and cost, performance, and client considerations. Concentrators in the Marketing programs, Management Management, Marketing Communications, Marketing Analytics, and Merchandising, have the opportunity to learn and acquire skills in project management from teachers who have themselves required the certification.	**KEEP**	
Marketing	Facebook Certified Planning Professional	211	Facebook Blueprint	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	This exam measures competency in the skills, tools, advertising policies and best practices required to manage Facebook pages, create, purchase and manage ads, select and use advertising objectives, target audiences for maximum impact, and understand the role of Facebook media planners and buyers. Concenctrators in the Marketing programs, Management Management, Marketing Communications, and Merchandising, Marketing Analytics, have the opportunity to acquire the necessary skills to become certified.	**KEEP**	
Marketing	Google Advertising Fundamentals (Google AdWords)	212	Google	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	The AdWords Fundamentals exam covers basic and intermediate concepts, including the benefits of online advertising and AdWords, and best practices for managing and optimizing AdWords campaigns. Concenctrators in the Marketing programs, Management Management, Marketing Communications, and Merchandising, have the opportunity to acquire the necessary skills to become certified.	**KEEP**	
Marketing	Google Analytics	213	Google	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	The Google Analytics IQ exam is designed to test your knowledge of digital analytics best practices and the Google Analytics platform. Concentrators in Marketing Research program will have the opportunity to acquire the necessary skills to become certified.	**KEEP**	
Marketing *(also Business Management & Administration, Finance)*	OSHA 10 - General On Line Modules	247	Occupational Safety and Health Administration (OSHA)	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	Concentrators in all the Marketing programs: Marketing Management, Marketing Communications, Marketing Analytics, and Merchandising have the opportunity to learn and acquire safety skills in all their course standards.	**DELETE**	Using one code for OSHA certifications - 63 OSHA 10

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Marketing	Retail Industry Fundamentals, National Retail Federation	214	National Retail Industry	All School Districts, AICPA, EverFi, Heritage Trust Federal Credit Union, MEBA, YesCarolina	The Retail Industry Fundamentals credential helps train and advance both entry-level retail associates and first-time job seekers. It is an industry-led and validated program that focuses on five core areas of basic work fundamentals, the business of retail, customer focus, getting and keeping jobs in retail, and selling. Concentrators in the Marketing program, Merchandising, will have the opportunity to learn and acquire skills to become certified.	**KEEP**	
Science, Technology, Engineering & Mathematics	Autodesk Inventor Certified User Exam	A54	Autodesk®	SPAWAR, Contract Construction, Eaton, Darby Electric, Oneal Engineering, Advanced Automation		**KEEP**	
Science, Technolog	CATIA V5 Part Design Certificate	223	CATIA	Boeing, Lockheed Martin, Electrolux, TriMech		**KEEP**	
Science, Technology, Engineering & Mathematics	CSWA- SolidWorks Associate Certification	A44	SolidWorks	SPAWAR		**KEEP**	
Science, Technology, Engineering & Mathematics	Food Science Fundamentals	76	American Association of Family and Consumer Sciences (AAFCS)	Heinz North America, NASA Food System and Advanced Food Technology, Pontiac Foods, General Mills, Colgate Palmolive, Diana Pet Food, Mars, McIntyre Produce, General Nutrition Centers (GNC), Clemson University, South Carolina State University, Winthrop University, Orangeburg Calhoun Technical College	The Food Science Fundamentals assessment/certification address competencies and a skill set necessary for success as a pre-professional in a career with a substantial focus on food science. It will facilitate employment in early career ladder positions and promote continuing education at the post-secondary level in career areas involving: •food science, •food safety, •food quality, •food technology, or •food preservation and packaging.	**KEEP**	
Transportation, Distribution & Logistics	ABYC: Marine Mechanic Certification	217	ABYC	Butler Marine, Webster Marine, Sea Island Marine		**KEEP**	(Marine Tech - New Program at ACE)
Transportation, Distribution & Logistics	ASE Medium/Heavy Duty Diesel Engine	107	Automotive Service Excellence (ASE)	Rick Hendricks		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Collision Repair - Mechanical and Electrical Components	191	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Collision Repair - Structural Analysis and Damage Repair	190	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Technology Brakes	194	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Piedmont Technical College, Vaden Chevrolet, Grainger Nissan, BMW, Blanchard CAT, Benson Ford, Vic Bailey VW, Piedmont Honda, Fairway Ford, Toyota of Easley, Penske, Lexus Dealership of Hilton Head, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Collision Repair - Non-Structural Analysis and Damage Repair	193	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Transportation, Distribution & Logistics	ASE: Auto Collision Repair - Painting and Refinishing	192	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Technology - Automatic Transmission/Transaxles	199	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Technology - Electrical/Electronics	196	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Technology - Engine Performance	197	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Technology - Engine Repair	198	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Technology - Heating & Air Conditioning	201	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Technology - Maintenance & Light Repair	202	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Technology - Manual Drivetrains	200	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	ASE: Auto Technology - Suspension & Steering	195	Automotive Service Excellence (ASE)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Peacock Auto Collision Center, Boundary Street Collision, Finish Masters, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	Briggs and Stratton Master Servoce Technician Cert	216	Briggs and Stratton	USDA, Clemson, Piedmont Tech, Briggs & Straton, Log Creek Timber, Pageland Farm Equipment, EnviroAg,		**KEEP**	
Transportation, Distribution & Logistics	Commercial Driver's License Permit	108	Federal Motor Carrier Safety Administration (FMCSA)	Berkeley County School District		**KEEP**	
Transportation, Distribution & Logistics	EPA Section 609 Certification	229	EPA		Required by law for reclaiming/recycling refrigerant (Clean Air Act) -Auto Tech	**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Transportation, Dis	Forklift Operator	230	OSHA	Belk Distribution Center, Pepsi Bottling, Reddy Ice, DHL Supply Chain, General Electric		**KEEP**	
Transportation, Distribution & Logistics	I-CAR Prolevel 1	109	Inter-Industry Conference on Auto Collision Repair (I-CAR)	Greenville Technical College		**KEEP**	
Transportation, Distribution & Logistics	I-CAR Prolevel 2	110	Inter-Industry Conference on Auto Collision Repair (I-CAR)	Greenville Technical College		**KEEP**	
Transportation, Distribution & Logistics	I-CAR Prolevel 3	111	Inter-Industry Conference on Auto Collision Repair (I-CAR)	Greenville Technical College		**KEEP**	
Transportation, Distribution & Logistics	S/P2 – Auto Collision Repair	77	Safety and Pollution Prevention Certification (S/P2)	Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Keystone, Klingspar, Piedmont Technical College, Finish Masters		**KEEP**	
Transportation, Distribution & Logistics	S/P2 – Auto Technology	78	Safety and Pollution Prevention Certification (S/P2)	Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, PIedmont Technical College, Blanchard CAT, Benson Ford, Vic Bailey VW, Piedmont Honda, Fairway Ford, Toyota of Easley, Penske		**KEEP**	
Transportation, Distribution & Logistics	S/P2 Ethics and You in the Automotive Industry	159	Safety and Pollution Prevention Certification (S/P2)	Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, PIedmont Technical College		**KEEP**	
Transportation, Distribution & Logistics	Snap-on/NC3: 504 Multimeter Certification	241	Snap-on/NC3 - National Coalition of Certification Centers (NC3)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Piedmont Technical College, Vaden Chevrolet, Grainger Nissan, BMW, Blanchard CAT, Benson Ford, Vic Bailey VW, Piedmont Honda, Fairway Ford, Toyota of Easley, Penske, Lexus Dealership of Hilton Head, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	Snap-on/NC3: ShopKey Pro & SureTrack Advanced	243	Snap-on/NC3 - National Coalition of Certification Centers (NC3)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Piedmont Technical College, Vaden Chevrolet, Grainger Nissan, BMW, Blanchard CAT, Benson Ford, Vic Bailey VW, Piedmont Honda, Fairway Ford, Toyota of Easley, Penske, Lexus Dealership of Hilton Head, Ballentine Toyota		**KEEP**	
Transportation, Dis	Snap-on/NC3: ShopKey Pro Service & Repair Inforn	242	Snap-on/NC3 - National Coalition of Certification Centers (NC3)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Piedmont Technical College, Vaden Chevrolet, Grainger Nissan, BMW, Blanchard CAT, Benson Ford, Vic Bailey VW, Piedmont Honda, Fairway Ford, Toyota of Easley, Penske, Lexus Dealership of Hilton Head, Ballentine Toyota		**KEEP**	
Transportation, Dis	Snap-on/NC3: Verus Edge Lab Scope Operation & I	244	Snap-on/NC3 - National Coalition of Certification Centers (NC3)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Piedmont Technical College, Vaden Chevrolet, Grainger Nissan, BMW, Blanchard CAT, Benson Ford, Vic Bailey VW, Piedmont Honda, Fairway Ford, Toyota of Easley, Penske, Lexus Dealership of Hilton Head, Ballentine Toyota		**KEEP**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/Delete/Expand	Notes
Transportation, Dis	Snap-on/NC3: Verus Edge Navigation & Scanner O	245	Snap-on/NC3 - National Coalition of Certification Centers (NC3)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Piedmont Technical College, Vaden Chevrolet, Grainger Nissan, BMW, Blanchard CAT, Benson Ford, Vic Bailey VW, Piedmont Honda, Fairway Ford, Toyota of Easley, Penske, Lexus Dealership of Hilton Head, Ballentine Toyota		**KEEP**	
Transportation, Distribution & Logistics	Yamaha Certification	252	Yamaha Motor University	Butler Marine, Webster Marine, Sea Island Marine	The Outboard Marine Certification, is conducted by Yamaha Motor University. Yamaha offers technicians industry sanctioned certification on the basis of Yamaha's textbook material. There are 10 modules based on each chapter in the Yamaha textbook. Each module has a review quiz and each module follows the textbook chapters. Once students have completed all chapters and modules, they can take the master test to achieve their certificate in electrical, ignition, fuel systems, lubrication, motor design, gear cases, propellers, motor brackets and boat control. The certification cost is fee to students, however the textbooks are $95 each. The instructor's program also has to be certified by Yamaha as a Yamaha Dealer, complete with a Yamaha Dealer Number.	**KEEP**	

PROPOSED INDUSTRY RECOGNIZED CERTIFICATIONS TO BE ADDED FOR SY21

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/Delete/Expand	Notes
Agriculture, Food & Natural Resources	Pesticide Applicators License	260	Department of Pesticide Regulation	Agriculture and Natural Resources Industries, Seed and turf industries, Plant and honeybee protection, farms and Processors of organic programs	Pesticide regulation is mandated by the federal government and each state's designated agency is responsible for enforcing pesticide regulations within that state. The Department of Pesticide Regulation takes seriously the charge to protect consumers and the environment through stringent regulation.	**ADD**	
Agriculture, Food & Natural Resources *(also Health Science)*	Veterinary Assistance Certification	261	Kaduceus	Animal Care and Animal Control Facilities, Pet Care & Boarding, Zoos, Veterinary Clinics, animal caretakers, ASPCA, Humane Society, Ranch, Farm, Animal Trainers, Wildlife Rehab Centers, Animal Protection, Wildlife Rescue, Wildlife Care, Animal Foster Care, Animal Care Kennels, Animal Shelters, Aviaries, Pet Resorts, Vet Camps, Animal Behavior Facilities, Animal Research Centers	Certification in veterinary assistance is a formal recognition by an organization—such as the American Veterinary Medical Association (AVMA)—that you have achieved the education and skill level held by that organization to be the nationally recognized standard of quality. Kaduceus Hands On Career Training, Inc. offers the exceptional training and education you need in order to be successful as a certified Veterinary Assistant. Kaduceus students receive instruction in animal care and necessary clinical skills. Certified Veterinary Assistants use a wide variety of animal medical equipment; a great deal of training within our program focuses on the proper use of that equipment in medical practice.	**ADD**	
Agriculture, Food & Natural Resources	Ecology Conservation and Management (ICEV)	420	ICEV	Colleges/Universities, Government Agencies, Environmental Consulting firms, Research Laboratories, Museums, and Private Industries that produce energy, timber and fish, Natural Resource agencies, Zoo, Wildlife Facilities	Ecology Conservation and Management' certification will validate knowledge and skills related to ecology principles and wildlife management Unlimited has developed the Ducks Unlimited Ecology Conservation and Management Certification. Created by the world… The Ducks Unlimited Ecology Conservation and Management certification is the latest to utilize iCEV	**ADD**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Architecture & Construction	NATE-Senior HVAC Efficiency Analyst	203	NATE	South Carolina Technical College System	An individual must hold two certification by NATE.NATE certification tests represent real world working knowledge of HVACR systems. Developed by a committee of industry experts nationwide, our NATE exams represent HVACR topics pertinent to contractors, educators, manufacturers and utilities alike. All of the NATE tests are rigorous, multiple–choice, knowledge–based tests and validate a technician's knowledge. NATE candidates may earn Installation and/or Service certification in one or more Specialty areas, including:	**ADD**	
Arts, A/V Technology & Communication	Flexography First Operator Certification FTA 1	312	FIRST Company Certification	Graymills Corporation, Nilpeter USA, Harper Corporation of America CSW Inc, Accredo Packaging, Inc., Berry Global, GE Enterprises, Smyth Companies, Fortis Solutions Group, KBA-North America, Miraclon Corp., Master Packaging, Inc., Infinite Packaging Group, Platinum Equity, Tension Corp, Siris Capital Group, Eaglewood Technologies, Paper Converting Machine Co, PPC Flexible Packaging LLC, Global Graphics	This certification is perfect for entry-level and non-production flexographic industry personnel. Choose to become 'FIRST Press Operator Certified', 'FIRST Prepress Operator Certified', or 'FIRST Implementation Specialist Certified'. Regardless of which designation you choose, Level I is the same for all certifications.	**ADD**	
Arts, A/V Technology & Communication	Graphic Communications Advanced	319	Precision Exams	American Manuscript Editors, Aspire Ability, B. E. Publishing, Camino, Career Solutions Publishing, Carpentry Contractors Company, Comcast, DeSantis Landscapes, Edit My English, Flowserve, Goodheart – Wilcox, Harley Davidson, Holiday Inn Express, Little Caesars, Mitsubishi Cement Corporation, Multiple Measures, New York Life, Nexeo, National Geographic Learning, Raddisson, Solution Services, Strong & Hanni Law Firm, Sunroc, Swig, Tallo, Vantage, Wadsworth, Wells Fargo Advisors, West Jordan Chamber of Commerce, Willow Manor, W.W. Clyde	The Graphic Communications Advanced exam covers skills from graphic communications intro and graphic communications intermediate exams and skills in digital file preparation, image capture digital file output, press operations, binding and finishing, measurement, and basic math.	**ADD**	
Health Science	Physical Therapy Aide	266	AMCA PTAC	Private offices, clinics, hospitals, patient's homes, nursing homes	A physical therapy (P.T.) is an important member of the physical therapy support team. Aides perform nonmedical tasks, such as setting up and cleaning treatment rooms and transporting patients to different areas of a health care facility. Physical Therapist Aides work under the direction and supervision of Physical Therapists. In some states, physical therapy aides also concentrate on gait training, ambulatory training, patient mobility, and rehabilitation.	**ADD**	
Health Science	Personal Trainer	265	ACSM	Gyms, health clubs, corporate settings, self employed, online	A personal trainer is an individual certified to have a varying degree of knowledge of general fitness involved in exercise prescription and instruction. They motivate clients by setting goals and providing feedback and accountability to clients.	**ADD**	
Health Science	Certified Medical Administrative Assistant (CMAA)	A73	National Health career Association	Health care offices, private practices, hospitals, physical rehabilitation centers, nursing homes, outpatient care centers, hospice care facilities	As a Certified Medical Administrative Assistant, CMAA (also called a Medical Office Secretary or Medical Office Assistant), you'll keep healthcare offices running efficiently and effectively. Medical assistants are often the first to greet and help patients and can help set the stage for a patient's experience. Operate computer systems to accomplish office tasks, answer calls, schedule appointments, greet patients and maintain files. Student instruction may take place during their senior year in high school, but students cannot sit for this exam until they have graduated.	**ADD**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Hospitality and Tourism	Certified Guest Service Professional	210	American Hotel and Lodging Association	More than 3900 hotels in South Carolina, S. C. Technical College System, University of South Carolina	Today's successful hospitality and tourism employees must have effective guest service skills in today's competitive market. They must be able to engage and connect with their guests to go above and beyond the call of duty. The Certified Guest Service Professional (CGSP®) designation provides recognition for those individuals who know how to deliver exceptional service by engaging with their guests and creating memorable experiences Recognized worldwide, the CGSP® designation is the highest acknowledgment of awarding-winning guest service for employees in the hospitality and tourism industry.To qualify for the Certified Guest Service Professional (CGSP®) designation individuals must successfully complete one of AHLEI's Guest Service Gold® training programs.	**ADD**	
Hospitality and Tourism	Secondary Culinary Graduate	A8	American Culinary Federation	Allen Brothers, Inc. Boars Head Food Service, Libbey Foodservice, U. S. Foods, Culinary Schools, Foodservice Establishments	Students are able to obtain a Secondary Culinary Graduate certification if they graduate from an American Culinary Federation Education Foundation (ACFEF) Secondary Certified program, pass a national competency written exam with a cut score of 70 percent, or pass with an overall average of 70 percent of the written and performance exams.	**ADD**	
Hospitality and Tourism	Certified Guestroom Attendant	A61	American Hotel and Lodging Association	More than 3900 hotels in South Carolina, S. C. Technical College System, University of South Carolina	The Certified Guestroom Attendant credential recognizes the skills, knowledge and responsibilities needed to keep guest rooms clean, safe and maintained at a lodging property. The certification is supported by the Skills, Tasks, and Results Training (START) for Guestroom Attendant.	**ADD**	
Hospitality and Tourism	Certified Maintenance Employee	A63	American Hotel and Lodging Association	More than 3900 hotels in South Carolina, S. C. Technical College System, University of South Carolina	The START Program for Individual Positions offers flexible and concise instructions on how to perform key tasks, along with the general hospitality knowledge, and soft skills needed to succeed in a front–line position at a lodging property. The START study guide for Maintenance Employee is intended for trainees learning in a classroom setting. The guide is divided into three sections for the trainee: Knowledge that all hospitality employees need; Knowledge specific to the Maintenance position; Common tasks broken down into a step–by–step method	**ADD**	
Hospitality and Tourism	Certified Restaurant Server	A62	American Hotel and Lodging Association	More than 3900 hotels in South Carolina, S. C. Technical College System, University of South Carolina	Skills, Tasks, and Results Training (START) for Individual Positions offers flexible and concise instructions on how to perform key tasks, along with the general hospitality knowledge, and soft skills needed to succeed as a food service professional in a front–line position at a dining facility. Successful candidates who complete the START program and pass the 30 multiple–choice Restaurant Server certification exam with a score of 70 percent or higher will receive a certificate	**ADD**	
Hospitality and Tourism	Culinary Arts Certification	69	American Association of Family and Consumer Sciences	LeCordon Bleu Schools, Macaroni Grill, Bonefish Grill, Famous Daves of America, Texas Beef Council, Cast Iron Catering, Joliet Junior College, Johnson and Wales,	The Culinary Arts Assessment/Certification is an end–of–program assessment that addresses a skill set necessary for success in the culinary industry. Assessment and certification competency topics include safety, health, and environmental, management, leadership, and teamwork; ethics and leadership responsibilities, employability and career development, technical skills–customer service Front of House (FOH), technical skills Back of House (BOH), and preparation techniques (BOH).	**ADD**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Hospitality and Tourism	Front Desk Representative	43	American Hotel and Lodging Association	More than 3900 hotels in South Carolina, S. C. Technical College System, University of South Carolina	The Front Desk Representative is a part of the Hospitality Skills Certification (HSC) programs. The HSC programs for hospitality employees brings the professional clout of the Educational Institute's (EI) certification programs to the people who are on the front–line with guests. EI offers designations for those who work in food and beverage, guest service, and housekeeping positions. HSC programs support skill and knowledge training integrated with performance assessment, recognition and achievement. To successfully earn a HSC designation, a candidate/employee must complete the following requirements: Be currently employed in the hospitality industry or be a student in a workforce development program or in a hospitality management program at an accredited school; achieve a score of 70 percent or better on a written exam; receive an "Acceptable" rating on 70 percent of the outlined tasks on the skills validation form.	**ADD**	
Hospitality and Tourism *(and Human Services)*	HAACP Food Handler Certification	359	US Food and Drug Administration	SC School Districts Food Service (Cafeterias), Retail Food Establishments, Grocery Stores, Department of Health and Environmental Control, Fish and Seafood Hatcheries, etc.	**HACCP** is a management system in which **food safety** is addressed through the analysis and control of biological, chemical, and physical hazards from raw material production, procurement and **handling**, to manufacturing, distribution and consumption of the finished product.		
Hospitality and Tourism *(and Human Services)*	Food Safety Manager Training and Certification	360	Prometric, NRFSP, 360 Training	Colleges and Universities that offer degrees in Hospitality and Tourism, Department of Health and Environmental Control, Retail Food Service Establishments – Subway, McDonalds, Denny's, IHOP, Panda Express, PF Changs, etc.	The Food Manager Certification is required by law in multiple states. California, Arizona, Virginia, Maryland, Florida, and South Carolina among others, all require that at least one person per establishment holds a valid Food Protection Manager Certificate by an accredited program	**ADD**	
Human Services	Barber Assistant	204	South Carolina Labor, Licensing, and Regulation	All South Carolina Barber shops	The Board of Barber Examiners can issue a license to practice as a Barber Assistant to students who have been issued a student permit and have met other requirements. The Barber assistant can perform duties as specified in Title 40 Chapter 7 Barbers and Barbering of the Code of Laws of South Carolina, 1997.	**ADD**	
Human Services	Registered Barber Apprentice	205	South Carolina Labor, Licensing, and Regulation	All South Carolina Barber shops	The Board of Barber Examiners can issue a certificate of registration as a Registered Barber Apprentice. The Registered Barber Apprentice shall meet all requirements as stipulated in Title 40 Chapter 7 Barbers and Barbering of the Code of Laws of South Carolina, 1997.	**ADD**	
Human Services	Personal and Family Finance Certification	68	American Association of Family and Consumer Sciences	United Way, Consumer Credit Counseling Services, Banks and Credit Unions	The Personal and Family Finance Certification is an end–of–program assessment that addresses competencies necessary for success in managing personal and family financial matters in daily life (a necessary skill set to maximize success in all career areas) while also foundational specifically to careers in personal and family finance. Assessment and certification competency topics include financial responsibility and decision making, income and careers, planning and money management, credit and debt, risk management and insurance, and saving and investing.	**ADD**	
Information Technology	Academy of Information Technology	2	National Academy Foundation	United Technologies, Forbes, SAP, Capital One, Verizon, PLTW, KPMG, Lenovo, World Wide Technology	The Academy of Information Technology (AOIT) curriculum introduces students to the broad career opportunities in today's digital workforce and equips them with the personal, analytical, technical, and communications skills they need.	**ADD**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Information Technology	ACE-Web Communication With Animate CC	160	CERTIPORT	Any institution with an online presence that uses webpages and networking.	Adobe Certified Associate – Animate CC is an entry–level certification aimed at validating communication skills in multi–platform animations. The Rich Media Communication with Adobe Animate® Professional exam validates entry–level skills in Adobe Animate CC software.	**ADD**	
Information Technology	CIW Web Security Associate	167	UCertify	Any institution with an online presence that uses webpages and networking.	CIW Web Security Associate certification is a vendor neutral, entry-level credential designed for IT professionals that covers various aspects of Internet security and its principles such as how to secure your network from unauthorized activity; establishing an effective security policy, and about the different types of hacker activities that you are most likely to encounter. The exam covers topics of network security, encryption of data, applying security principles, identifying security attacks, firewall types, common firewall technologies, and many more.	**ADD**	
Information Technology	PE-Computer Programming II C#	410	Precision Exams	Any institution with an online presence that uses webpages and networking.	This is an advanced course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in CP I. It introduces students to dynamic data structures, advanced utilization of classes, and applications of recursion through the application of mathematical concepts.	**ADD**	
Information Technology	PE-Computer Programming II C++	411	Precision Exams	Any institution with an online presence that uses webpages and networking.	This is an advanced course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in CP I. It introduces students to dynamic data structures, advanced utilization of classes, and applications of recursion through the application of mathematical concepts.	**ADD**	
Information Technology	PE-Computer Programming II Java	412	Precision Exams	Any institution with an online presence that uses webpages and networking.	This is an advanced course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in CP I. It introduces students to dynamic data structures, advanced utilization of classes, and applications of recursion through the application of mathematical concepts.	**ADD**	
Information Technology	PE-Computer Programming II Python	413	Precision Exams	Any institution with an online presence that uses webpages and networking.	This is an advanced course in computer programming/software engineering and applications. It reviews and builds on the concepts introduced in CP I. It introduces students to dynamic data structures, advanced utilization of classes, and applications of recursion through the application of mathematical concepts.	**ADD**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Law, Public Safety, Corrections & Security	Expert Rating Legal Administrative Assistant Certification	324	Expert Rating	Law offices, governmental agencies, non- profit organizations	Legal administrative assistants are skilled professionals who perform a wide variety of specialized legal work in addition to routine office-oriented tasks. Also known as legal secretaries, they work in different kinds of work settings including law offices, corporations, governmental agencies and nonprofit organizations. This 11-lesson curriculum includes paralegal knowledge in U.S. government, legal terminology, legal analysis, legal communications, court procedures, and laws. Being specialists in the field of administrative assistance, legal administrative assistants are always in high demand. According to the Bureau of Labor Statistics (U.S. Department of Labor), whereas the employment of administrative assistants is expected to increase as fast as the average for all occupations between 2008 and 2018, the employment of legal administrative assistants is projected to be faster than average for the same period. Besides, with annual average earnings of $49,000, the job outlook for legal administrative assistants is surely bright.	**ADD**	
Manufacturing	Certified Production Technician	171	Manufactured Skill Standards SCouncil (MSSC)	Amatrol, Greyhound Lines, Winebow, Inc; NAM	The certified production technician training program enables student to build foundational skills. The program's interactive multimedia curriculum uses a competency-based instructional design that teaches Manufacturing Skill Standards Council's (MSSC) nationally recognized standards. An engaging combination of video, text, audio, 3D animation, and interactive activities, the CPT curriculum captures the attention of students, keeps them engaged through the entire, learning process and ignites the passion for achievement.	**ADD**	
Manufacturing	Siemens Mechatronics Systems Certification	172	Siemens	Plant assembly shops, companies that make industrial automation components, companies that use the product such as factories or machine builders, packaging industry, food and beverage industries, automotive /tires, aerospace	A Siemens Certified Mechatronic Systems Assistant will function as a well–grounded machine operator in a complex system, with responsibility for efficient operation of the equipment with minimal downtimes. Normally a Siemens Certified Mechatronic Systems Assistant would carry out their work at plant assembly sites, workshops or in connections with service operations which utilize complex mechatronic systems.	**ADD**	
Transportation, Distribution & Logistics	ASE: Auto Maintenance and Light Repair Certification Test (G1)	189	ASE	Automotive industry facilities	ASE student certification is the first step in building a career as a service professional in the automotive industry. Making the completion of career-entry studies in automotive technology, collision repair and refinishing, or medium/heavy-duty trucks, these tests can provide the student with their first industry certification through the National Institute for Automotive Service Excellence.	**ADD**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Transportation, Distribution & Logistics	ASE: Automobile & Light Truck Certification Tests (A Series)	175	ASE	Automotive industry facilities	ASE student certification is the first step in building a career as a service professional in the automotive industry. Making the completion of career-entry studies in automotive technology, collision repair and refinishing, or medium/heavy-duty trucks, these tests can provide the student with their first industry certification through the National Institute for Automotive Service Excellence.	**ADD**	
Transportation, Distribution & Logistics	ASE: Collision Repair & Refinish Certification Tests	177	ASE	Automotive industry facilities	ASE student certification is the first step in building a career as a service professional in the automotive industry. Making the completion of career-entry studies in automotive technology, collision repair and refinishing, or medium/heavy-duty trucks, these tests can provide the student with their first industry certification through the National Institute for Automotive Service Excellence.	**ADD**	
Transportation, Distribution & Logistics	ASE: Damage Analysis & Estimating Certification Test (B6)	178	ASE	Automotive industry facilities	ASE student certification is the first step in building a career as a service professional in the automotive industry. Making the completion of career-entry studies in automotive technology, collision repair and refinishing, or medium/heavy-duty trucks, these tests can provide the student with their first industry certification through the National Institute for Automotive Service Excellence.	**ADD**	
Transportation, Distribution & Logistics	ASE: Medium-Heavy Truck Certification Tests (T Series)	182	ASE	Automotive industry facilities	ASE student certification is the first step in building a career as a service professional in the automotive industry. Making the completion of career-entry studies in automotive technology, collision repair and refinishing, or medium/heavy-duty trucks, these tests can provide the student with their first industry certification through the National Institute for Automotive Service Excellence.	**ADD**	
Transportation, Distribution & Logistics	ASE: Parts Specialist Certification Tests (P Series)	183	ASE	Automotive industry facilities	ASE student certification is the first step in building a career as a service professional in the automotive industry. Making the completion of career-entry studies in automotive technology, collision repair and refinishing, or medium/heavy-duty trucks, these tests can provide the student with their first industry certification through the National Institute for Automotive Service Excellence.	**ADD**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Transportation, Distribution & Logistics	I-CAR Advance High Strength Steel (AH Sole)	112	I-CAR	Auto Body Collision and Repair Facilities	This program provides an overview of the different types of steels used in late model vehicle construction, addresses reparability concerns, and provides some vehicle maker recommendations on proper repair techniques: understand vehicle maker recommendations for advanced high–strength steels, identify which tools and equipment should be used when working on advanced high–strength steel (AHSS), understand the effect of temperature on AHSS when determining proper joining methods, understand how heat used during straightening of AHSS may affect strength and durability, identify the importance of monitoring anchoring points when straightening AHSS parts, know straightening precautions for high–strength steel parts, identify the location of AHSS in vehicle construction such as rails, rockers, and pillars, identify the location of UHSS in vehicle construction such as bumpers, door beams, pillars, rockers, and roof rails.	**ADD**	
Transportation, Distribution & Logistics	I-CAR Automotive Foams (FOM01)	113	I-CAR	Auto Body Collision and Repair Facilities	This online self–study is designed to help better understand the following collision repair–related concepts: understand uses and application procedures for automotive foam understand structural foam considerations and curing methods, identify procedures related to installation of expandable foam, understand how to choose correct, replacement materials, and know how to work safely around automotive foams.	**ADD**	
Transportation, Distribution & Logistics	I-CAR Automotive Lighting (LSC04e)	114	I-CAR	Auto Body Collision and Repair Facilities	Learning objectives for this module include explaining repair consideration for headlamps, as well as information on switches and lighting circuits. The final module describes positions of lighting in vehicles and collision related problems with lighting. The student will also learn information on switches and bulbs, identify interior and exterior lamps, as well as different types of headlamps, describe repair considerations around operation and repair of headlamps and understand collision related problems in exterior and interior lighting.	**ADD**	
Transportation, Distribution & Logistics	I–CAR Bolt–on–Exterior Panel Part 1 (EXT03e)	115	I-CAR	Auto Body Collision and Repair Facilities	The course begins by examining considerations around panel alignment and repair considerations. The student will gain insight into tools used for repairing and replacing door hinges. Additionally, students will learn about considerations around replacement parts and recycled automotive parts; identify and understand considerations around working with bolted–on exterior panel replacement parts, understand removal and installation procedures for doors, analyze and diagnose the source of leaks and understand how to install weather stripping.	**ADD**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Transportation, Distribution & Logistics	I-CAR Bolt on External Panel Part 2 (EXT04E)	116	I-CAR	Auto Body Collision and Repair Facilities	The course opens by discussing steps for identifying and replacing various front body panels, as well as how to properly align front body panels in the collision repair process. The second module in the course explores the removal, installation, and replacement of different style rear body panels; identify and understand considerations around working with bolted–on exterior panel replacement parts, understand considerations around replacing bumpers, hoods, and fenders, understand considerations around removing and installing rear closure panels.	**ADD**	
Transportation, Distribution & Logistics	I–CAR Corrosion Protection (CPS01)	117	I-CAR	Auto Body Collision and Repair Facilities	This online self–study is designed to help better understand the following collision repair–related concepts: recognize causes of corrosion and understand the corrosion protection processes of manufacturers, identify the steps required in determining where to apply anti–corrosion compounds and undercoating, understand the considerations for properly preparing parts for corrosion protection coatings, explain how to apply corrosion protection materials, identify the function and location of chip–resistant coating and how to replace it during the repair process, identify seam sealer characteristics and applications and identify the different corrosion protection recommendations from the different vehicle makers.		
Transportation, Distribution & Logistics	I–CAR Cosmetic Straightening Steel (STS01)	118	I-CAR	Auto Body Collision and Repair Facilities	This online self–study is designed to help better understand the following collision repair–related concepts: identify characteristics and considerations for steel repairs, examine different types of damage and understand repair procedures, understand procedures and considerations for application of Paintless Dent Repair (PDR).	**ADD**	
Transportation, Distribution & Logistics	I–CAR Detailing (REF04)	119	I-CAR	Auto Body Collision and Repair Facilities	This online self–study is designed to help better understand the following collision repair–related concepts: perform a thorough vehicle inspection and identify defects in a vehicle finish, be able to remove finish defects by using the proper removal procedures and understand interior and exterior detailing.	**ADD**	

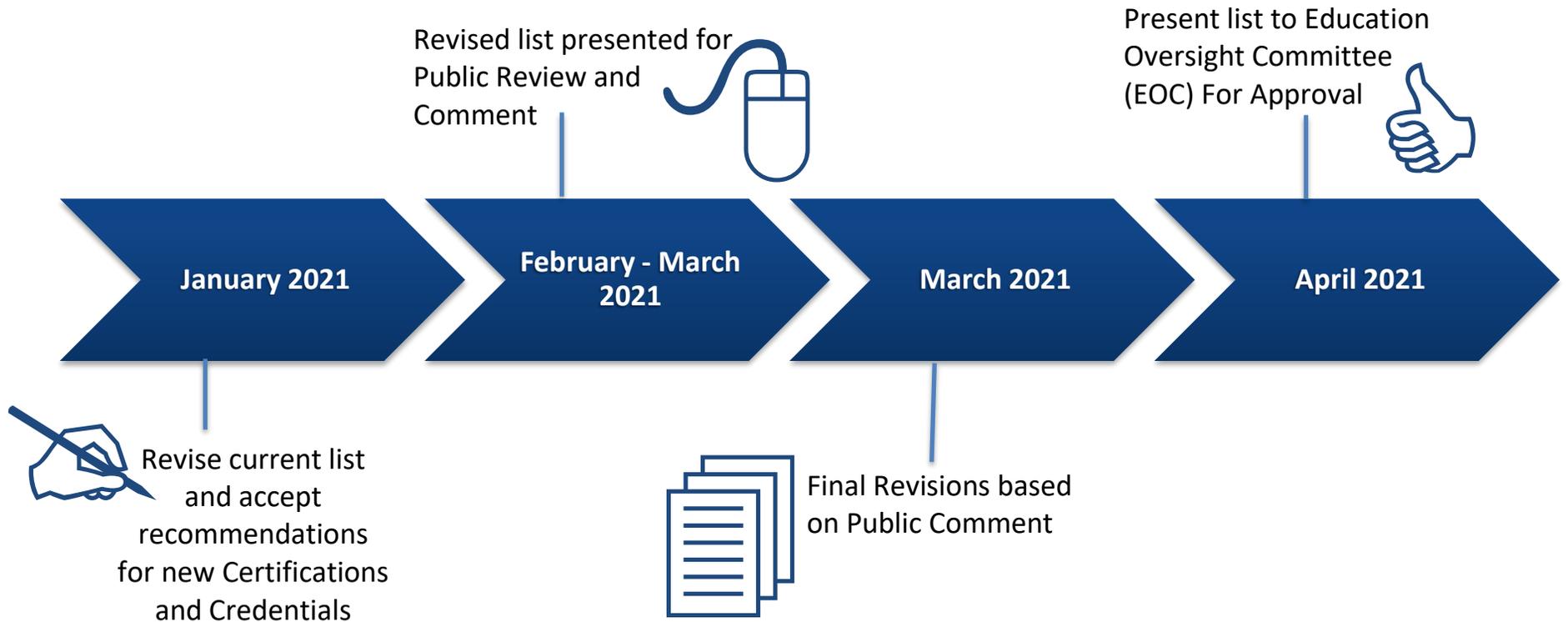| Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Transportation, Distribution & Logistics	I–CAR Hazardous Air Pollutant Reduction (HAP01e)	120	I-CAR	Auto Body Collision and Repair Facilities	Following the information provided in this program not only benefits overall air quality in the United Sates, but increases worker safety, reduces material costs, and helps ensure compliance with EPA regulations; explain requirements of the EPA regulations and evaluate how they apply to specific businesses, identify hazardous air pollutants (HAP) and how they can affect public health and the environment, understand how to use personal protection equipment, Identify ways to reduce the amount of methylene chloride (MeCl) paint stripper, identify equipment that reduces the amount of HAP, identify spray application techniques and gun adjustments that reduce the amount of HAP released into the environment, understand spray gun cleaning requirements, understand spray booth requirements and filter maintenance schedules material.	ADD	
Transportation, Distribution & Logistics	I–CAR Hazardous Material Storage and Disposal (HWD01e)	121	I-CAR	Auto Body Collision and Repair Facilities	Vehicles require using many different liquid and solid materials that may result in hazardous waste generation. The Liquid and Solid Hazardous Waste Storage and Disposal Overview Online Training program will present information about identification, handling, storage, and disposal of hazardous waste; identify hazardous waste, determine proper storage and disposal of hazardous waste and maintain proper hazardous waste records.		
Transportation, Distribution & Logistics	I–CAR Hazardous Materials, Personal Safety, Refinish Safety (WKR01)	122	I-CAR	Auto Body Collision and Repair Facilities	Incorporate basic procedures for safety and preventive measures in a shop environment, understand the importance of labeling and when workplace labeling is required, identify hazardous material exposures and learn storage regulations, understand how to use personal protective equipment and emergency handling equipment, identify hazardous waste types and waste regulations, select and use proper personal protective equipment and identify proper storage requirements hazardous waste materials.	ADD	
Transportation, Distribution & Logistics	I–CAR Intro to Construction Materials (ICM00e)	123	I-CAR	Auto Body Collision and Repair Facilities	This online self–study course contains four modules designed to better understand the following collision repair–related concepts: steel, aluminum and magnesium, plastics, carbon fiber and collision energy management.	ADD	
Transportation, Distribution & Logistics	I–CAR Intro to Mechanical Repair Terms and Vehicle Protection (IMV00e)	124	I-CAR	Auto Body Collision and Repair Facilities	This online self–study course contains five modules designed to better understand the following collision repair–related concepts: electrical, mechanical, steering and suspension systems, protecting electronic systems and preventing vehicle damage during repair.	ADD	
Transportation, Distribution & Logistics	I–CAR Intro to Refinishing and Corrosion Protection Part 1 (IRC01e)	128	I-CAR	Auto Body Collision and Repair Facilities	This online self–study course contains four modules designed to better understand the following collision repair–related concepts: vehicle maker processes, refinishing terms, refinish materials and personal safety.	ADD	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Transportation, Distribution & Logistics	I–CAR Intro to Refinishing and Corrosion Protection Part 2 (IRC02e)	129	I-CAR	Auto Body Collision and Repair Facilities	This online self–study course contains four modules designed to better understand the following collision repair–related concepts: refinishing tools, refinishing preparation, refinishing defects and corrosion protection.	**ADD**	
Transportation, Distribution & Logistics	I–CAR Movable Glass (GLA01)	137	I-CAR	Auto Body Collision and Repair Facilities	This online self–study is designed to help better understand the following collision repair–related concepts: Identify the roles of movable glass in vehicles and types of drive mechanisms, understand considerations for replacing rear body and side door glass, describe parts of window regulators and window channels, understand removal and replacement considerations for sunroofs and removable glass panels, know how to complete post–collision inspection processes, analyze damage and troubleshoot for glass and electrical problems.	**ADD**	
Transportation, Distribution & Logistics	I–CAR Plastic and Composite Repair (PLA03)	139	I-CAR	Auto Body Collision and Repair Facilities	This online self–study is designed to help better understand the following collision repair–related concepts: Identify different types of plastics by their characteristics and determine the level of plastic identification that is required to perform a repair, understand correct preparation procedures for plastics, identify different types of plastics used on today's vehicles and the correct methods to repair each, recognize proper adhesives for different repairs and when to use adhesion promoter, perform one– and two–sided plastic adhesive repairs and mounting tab repairs, understand the considerations around refinishing plastic parts, identify the types of plastic welds in automotive applications, identify welding equipment and its uses, explain how hot air welds and airless welds are made, identify differences between a fusion weld and an adhesion weld.	**ADD**	
Transportation, Distribution & Logistics	I–CAR Removing and Installing exterior Trim, Pinstriping, and Decals (TRM03e)	141	I-CAR	Auto Body Collision and Repair Facilities	This online self–study is designed to help better understand the following collision repair–related concepts: describe methods for application and removal of pinstripes and decals, explain processes for installing door trim panels, handles, and lock cylinders, Identify interior and exterior parts and understand how to remove and replace them.	**ADD**	
Transportation, Distribution & Logistics	I–CAR Removing and Installing Interior Trim (TRM02e)	142	I-CAR	Auto Body Collision and Repair Facilities	This online self–study is designed to help better understand collision repair–related concepts: identify hardware and understand correct use and understand how to work with trim and moldings.	**ADD**	
Transportation, Distribution & Logistics	I–CAR Surface Preparation and Masking (REF02e)	143	I-CAR	Auto Body Collision and Repair Facilities	This online self–study is designed to help better understand the following collision repair–related concepts: identify refinish and finish materials, understand how to develop a refinishing plan, understand how to mask and remove parts, know how to prepare substrates and apply primers, recognize procedures for making a test panel and specialty spray areas.	**ADD**	

Career Cluster	Assessment/Certification/Industry Credential	SRPG #	Certifying Agency/Industry	Higher Education and Business Support	Justification	Keep/Add/ Delete/ Expand	Notes
Transportation, Distribution & Logistics	I–CAR Waterborne Products, Systems and Applications (REF07)	144	I-CAR	Auto Body Collision and Repair Facilities	Explain why waterborne products are used and which waterborne products are available, understand the difference between waterborne and solvent–borne refinishing materials, including waterborne characteristics and benefits, identify the environmental impact and reasons for converting to waterborne refinishing materials, understand preparation, mixing, and application considerations, explain the facility requirements for making the conversion to waterborne refinishing materials and recognize proper storage and disposal procedures of waterborne materials.	**ADD**	
Transportation, Distribution & Logistics	Snap-on/NC3: Digital Multimeter (DMM) Certification 525	249	Snap-on	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw Automotive, State Farm, Piedmont Technical College, Vaden Chevroet, Grainger Nissan, BMW, Blanchard CAT, Benson Ford, Vic Bailey VW, Piedmont Honda, Fairway Ford, Toyota of Easley, Penske, Lexus Dealership of Hilton Head, Balentine Toyota	This course, as with all NC3 courses, is designed so that students follow along with the instructor while he/she delivers the curriculum to the students and guides the class through the PowerPoint material. This course is designed to be an instructor led "hands-on" presentation using the tools, equipment, and practice materials. This NOT a "self-study" module student complete on their own. Students are NOT allowed any electronic copies of the curriculum materials. Instructors can photocopy the presentation and hand it out in paper form ONLY. NC3 recommends students use the Flip-book feature built into the exam site to access the curriculum whenever possible.	**ADD**	

Appendix B

2020-21 Transition to Stackable Industry Credentials Timeline

Revised list presented for Public Review and Comment

Present list to Education Oversight Committee (EOC) For Approval

| January 2021 | February - March 2021 | March 2021 | April 2021 |

Revise current list and accept recommendations for new Certifications and Credentials

Final Revisions based on Public Comment

Transition to Stackable Industry Credentials Timeline

➢ 2021-2022 Transition year
➢ 2022-2023 Full implementation year

SOUTH CAROLINA
CTE
CAREER AND TECHNICAL EDUCATION

Appendix C

SECONDARY STATEWIDE DATA 2019-2020

2019-2020 COMPLETERS:

South Carolina CTE Graduation Rate for 2019-2020 Completers
- ✓ **98.4%, an increase of 3.0% from 2018-2019**

Percentage of CTE Completers in grades 9-12 within the state
- ✓ **6.4%, an increase of 0.9% from 2018-2019**

The number of CTE programs completed in 2019-2020
- ✓ **16,913, an increase of 15.7% from 2018-2019**

The number of students completing a CTE program in 2019-2020
- ✓ **16,038, an increase of 14.7% from 2018-2019**

2019-2020 INDUSTRY CREDENTIALS:

Industry Credential Attainment for Completers

- ✓ **8,941, an 11% increase in the number of completers who attained at least one industry credential from 2018-2019**
- ✓ **An overall industry credential attainment rate of 55.7% which is a 2% decrease from 2018-2019**

Students who earned at least one Industry Credential

- ✓ **34,688, an increase of 21% from 2018-2019**

CAREER READINESS 2019- 2020:

The number of work-based learning experiences that occurred during the academic year
- ✓ **82,937 which is a decrease of 30% from 2018-2019**

Students who became completers in 2019-2020 earning Silver or above on the WIN Career Readiness Assessment
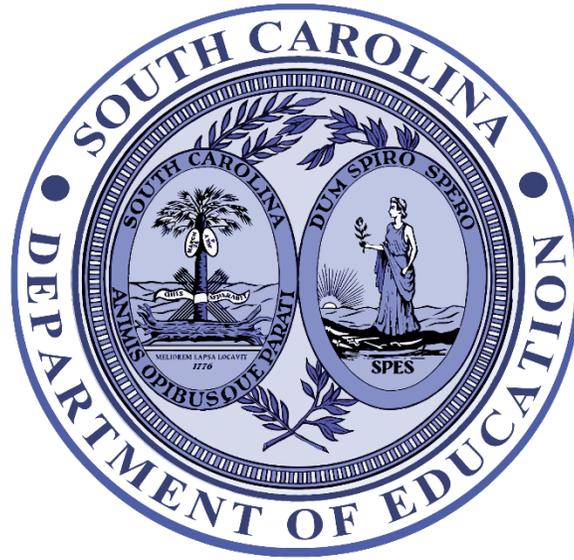- ✓ **6176, an increase of 7.4% from 2018-2019**

2019-2020 CTE FOCUS AREA: COMPUTER SCIENCE

Student participation in Computer Science within CTE
- ✓ **An 80% participation rate, which is an increase of 11% from 2018-2019**
- ✓ **South Carolina is currently ranked #4 in the nation for participation**

Appendix D

Office of Career and Technical Education
EEDA Coordinating Council Meeting
November 12, 2020

#FUTUREREADYCTE

South Carolina CTE in Numbers

- **SC CTE Graduation Rate** for 2019-2020 Completers
  - ➤ *98.4%, an **increase** of 3.0% from 2018-2019*

- Graduate Completers earning Silver or above on the **Win Career Readiness Assessment**
  - ➤ *66%, an **increase** of 7.4% from 2018-2019*

- Percentage of **CTE Completers** in grades 9-12 within the state
  - ➤ *6.4%, an **increase** of 0.9% from 2018-2019*

South Carolina CTE in Numbers

- **<u>Industry Credential Attainment</u>** for Completers
  - ➤ *A 11% **increase** in the number of completers with at least one credential obtained from 2018-2019*

  - ➤ *An overall industry credential attainment rate of 55.7% which is a 2% **decrease** from 2018-2019*

- Students who earned at least one **<u>Industry Credential</u>**
  - ➤ *34,688, an **increase** of 21% from 2018-2019*

- Industry Credential **<u>Passage Rate</u>**
  - ➤ *90%, an **increase** of 2% from 2018-2019*

South Carolina CTE in Numbers

- The number of **CTE programs completed** in 2019-2020
  - ➢ *16,913 which is an **increase** of 15.7% from 2018-2019*

- The number of **students completing a CTE program** in 2019-2020
  - ➢ *16,038 which is an **increase** of 14.7% from 2018-2019*

- Students with **WBL Experiences**
  - ➢ *82,937 which is a **decrease** of 30% from 2018-2019*

South Carolina CTE in Numbers

- Student participation in **Computer Science** within CTE
  - ➢ *An 80% participation rate, which is an **increase** of 11% from 2018-2019*

  - ➢ *South Carolina is currently ranked #4 in the nation for participation*

- **Dual Credit Attainment** for students enrolled in Post-Secondary CTE Courses
  - ➢ *An **increase** of 74.6% (6,712) in the number of dual credit courses that were successfully passed.*

  - ➢ *An **increase** of 74.4% (4,512) in the number of students who successfully passed a dual credit course.*

2020-2021 Proposed Industry Credentials

- **2019-2020 Industry Credentials for Career Readiness**
  - ➢ *There are 254 Credentials for 15 of the 16 Career Clusters*

- **2020-2021 Industry Credentials for Career Readiness**
  - ➢ *There are 15 credentials proposed to be deleted from the 2019-2020 approved list of career readiness credentials*

  - ➢ *There are 59 credentials proposed for addition to the approved list of career readiness credentials that span across all 16 career clusters.*
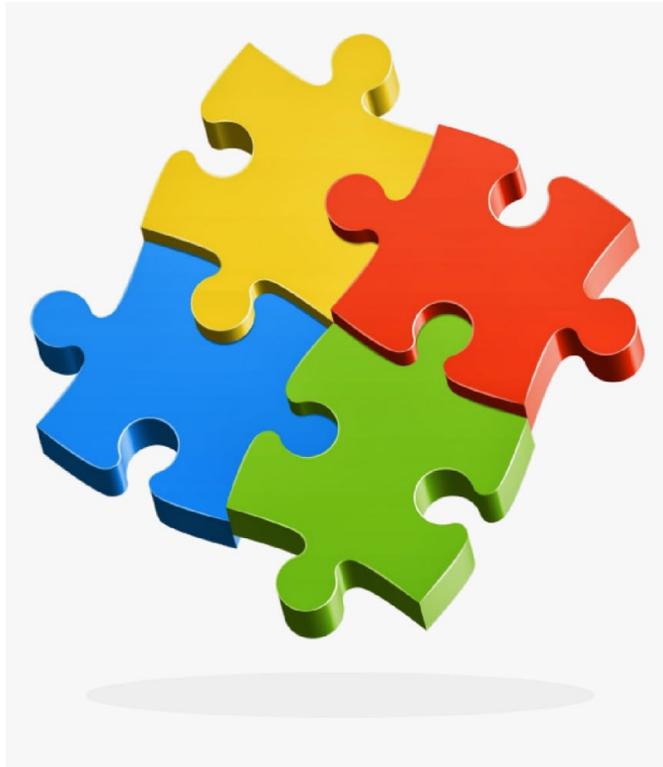
Q & A

Thank you

Contact Info:

Angel Malone, Director

amalone@ed.sc.gov

(803)734-8412