

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
ALL	SkillsUSA Career Essentials Certification	SkillsUSA	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	The SkillsUSA Career Essentials suite engages students in defining, implementing and measuring their career-readiness skills along every point in their educational journey, whether it be middle-school, high-school, and college/postsecondary including the adult learner. The curriculum generates high levels of student engagement and is built on evidence-based outcomes that support the industry-validated Career-Ready Assessment. Together, curricula and assessments work to culminate in students earning the industry-recognized Career Essentials credentials. No longer do you need to search for a curriculum that will meet the pressing needs of fulfilling national and state standards related to career readiness.	<b>approve</b>

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ALL	Career and Life Essentials	Career & Life Essentials	Marriott Hotels, Marriott Vacation Club, South Eastern Restaurant Group (SERG), and Coastal Restaurants and Bars (CRAB).	The Career and Life Essentials /Certification is aligned with the employability traits framework of the Partnership for 21st Century Skills, our Career & Life Essentials (CLE) course is the first step in preparing students for a successful career and life. Interactive, inspirational, and fun, the course content was created especially for today's high school students.	<b>approve</b>
ALL	Career PREP - A Virtual Career Guidance Center	Career & Life Essentials	Marriott Hotels, Marriott Vacation Club, South Eastern Restaurant Group (SERG), and Coastal Restaurants and Bars (CRAB).	In this fun and informative collection of practical workshops and activities, students put the soft skills studied in their Career & Life Essentials course into practice to create a Career PREP Portfolio that they can carry with them when they enter college or the workplace. The Career PREP Portfolio is a summary of the skills, strengths, and abilities students have mastered in the CLE course	<b>approve</b>
ALL	Soft Skills PRO	Career & Life Essentials	Marriott Hotels, Marriott Vacation Club, South Eastern Restaurant Group (SERG), and Coastal Restaurants and Bars (CRAB).	Soft Skills PRO – Industry Certification is designed to address the challenges that come with assessing and certifying students in a work-based learning experience, Soft Skills Pro is an easy, effective and valuable evaluation tool for busy teachers and employers. This can easily align to existing work-based learning criteria as required by Career and Technical Education state guidelines. Upon completion of both the Career & Life Essentials course and Career PREP, students who successfully demonstrate their acquired knowledge in a	<b>approve</b>

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				documented work-based internship will earn a Soft Skills Pro Certificate.	
ALL	Leadership Essentials	American Association of Family and Consumer Sciences	There are usage applications in a broad range of secondary and post-secondary education, leadership development programs, staff development, and human resource settings.	The National Association of Colleges and Employers Job Outlook 2018 survey overwhelmingly identified that employers are looking for candidates who are team players and problem solvers and who can plan, organize, and prioritize work. Jobs for the Future (2017) listed leadership as the top attribute sought by employers. To help ensure a quality workforce, the American Association of Family & Consumer Sciences (AAFCS) announces the launch of a national standards-based competency assessment measuring essential knowledge and skills in leadership.	<b>approve</b>

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Agriculture, Food & Natural Resources	Equine Management & Evaluation	NHJTCA	Clemson University Equine Center, Ridge Haven Equine, Grand Strand Equine, SC Upstate Equine, Banfield Pet Hospital, Brays Island Plantation, gpac, Gables Search Group, Medieval Times Dinner and Tournament, Nutramaxlabs Laboratories, Jobot, Savannah College of Art and Design, Shandon-Wood Animal Clinic, Odfield Club	This certification is designed to build a pipeline of skilled equine industry professionals. It validates the knowledge and skills needed to begin equine-related careers in evaluation, breeding, handling, stable management and more. Those who earn this certification are more qualified and prepared to enter a variety of roles within the industry. Additionally, this certification allow employers to connect with more skilled candidates in a highly-specialized industry. This certification can be earned by learners in all stages of their education and career and verifies individuals are prepared to pursue a career in the fields of equine evaluation, production and management.	<b>approve</b>
Agriculture, Food & Natural Resources	Hunter Education	SCDNR	South Carolina Department of Natural Resources, Hunt S.A.F. E., Aquatic Education, Archaeology, Hunter Education, Boater Education, Carolina Coastal Discovery Marine Education, TOMO,	The South Carolina Department of Natural Resources Hunter Education Program is dedicated to safe enjoyment of our outdoors. Through this program, students learn about responsibility and ehtics in the field, as well as firearms knowledge and safety, first aid, tree stand safety, hunting skills, wildlife conservation and mangement and survival skills. This course is offered on-line and in person.	<b>Not approve</b>
Architecture & Construction	Home Builders Association of Alabama (HBAA) Residential Construction Skills Certification	iCEV	University of Georgia, Learning Management Systems (LMS), South Plains College, Texas State Technical College	The Residential Construction Skills certification assesses the knowledge and skills necessary to be a productive worker on a residential construction job site. This certification is based on the following	<b>approve</b>

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				standards by HBAA: Building Components, Building Trades and Safety and Health.	
Education & Training, Human Services/Family and Consumer Sciences	American Red Cross-Babysitting	American Red Cross	Fortune 100 companies offer on-site babysitting services for employees: Fannie Mae, Walgreens Boot Alliance, Boeing, Home Depot, IBM, Valero Energy, Procter & Gamble, Johnson & Johnson, Prudential Financial, Disney, Cisco Systems, Merck, Goldman Sachs Group, Allstate, Nike, Twenty-First Century Fox, Time Warner, Higher Education: Early Childhood Programs at Trident Technical College, Midlands Technical College, Technical College of the Lowcountry, South Carolina State University	Red Cross-Babysitting is designed for students ages 11 and older, this oAmericannline training provides the knowledge and skills necessary to safely and responsibly care for infants and children up to the age of 10, as well as to manage a babysitting business. Skills taught include - Basic Care for Infants and Children, Basic First Aid, Child Behavior, Age-Appropriate Activities, Emergency Protocols, Professionalism, Leadership, Growing Your Business, First Aid/CPR, that lead to a national certification. Babysitting can be a lucrative part-time job while students are in school, and is an excellent entrepreneurial career choice. U. S national average pay rate for a babysitter in 2018 was \$16.75 per hour for one child and \$19.26 per hour for two. The national average for babysitting jobs is \$57,386/year or \$28/hour. Based on recent job postings on ZipRecruiter, the Babysitting job market in both Columbia, SC and the surrounding area is very active. Babysitting in Columbia, SC area makes on average \$26 per hour, or \$1.63 (6%) less than the national average hourly salary of \$27.59.	<b>Not approve</b>

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				South Carolina ranks number 38 out of 50 states nationwide for Babysitting salaries.	
Education & Training, Health Science, Hospitality & Tourism, Human Services	Kid's Nutrition Specialist Certification	National Exercise & Sports Trainers Association (NESTA)	Pilates Jobs – NESTA Certified Personal Trainer Jobs – Fitness Trainer Jobs – Fitness Club Jobs – Group Exercise Instructor Jobs – HIIT Instructor Jobs - Wellness Coaching - Holistic Coaching	Nutrition education for kids is vital to reduce the epidemic of childhood obesity and childhood diabetes. This NESTA specialization will teach you dietary education, kid's nutritional facts and games, and much more to combine with your existing fitness and nutrition business model.	<b>Not approve</b>
Education & Training, Human Services/Family and Consumer Sciences	Advanced Child Care Training	American Red Cross	Fortune 100 companies offer on-site babysitting services for employees: Fannie Mae, Walgreens Boot Alliance, Boeing, Home Depot, IBM, Valero Energy, Procter & Gamble, Johnson & Johnson, Prudential Financial, Disney, Cisco Systems, Merck, Goldman Sachs Group, Allstate, Nike, Twenty-First Century Fox, Time Warner, Higher Education: Early Childhood Programs at Trident Technical College, Midlands Technical College, Technical College of the Lowcountry, South Carolina State University	American Red Cross Advanced Child Care Training is designed for professional caregivers seeking state licensure. The course can help to gain or refresh skills. Skills taught include - Basic Care for Infants and Children, First Aid and CPR/AED Training, Child Behavior, Age-Appropriate Activities, Safety, Professionalism, and Leadership that lead to a national certification. Babysitting can be a lucrative part-time job while students are in school, and is an excellent entrepreneurial career choice. U. S national average pay rate for a babysitter in 2018 was \$16.75 per hour for one child and \$19.26 per hour for two. The national average for babysitting jobs is \$57,386/year or \$28/hour. Based on recent job postings on ZipRecruiter, the Babysitting job market in both Columbia, SC and the surrounding area is very active. Babysitting in Columbia, SC area makes on average \$26 per hour, or \$1.63 (6%) less than the national average hourly salary of \$27.59.	<b>approve</b>

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Business Management & Administration, Government & Public Administration, Marketing,	PMI Project Management Ready	PMI	Hotwire Communications Ltd, Hydrogen, South Carolina Department of Transportation, Appriss Retail, Raphael & Associates, U. S. Green Building Council, NTT Ltd., JTEKT North America Corporation, ASK Consulting, LanceSoft, Inc., First Class Construction LLC, Air Systems, Hubbell Incorporated, Softpath System LLC, RICEFW Technologies Inc, Inside Higher Ed, TALENT Software Services, North Wind Group, 360 IT Professionals Inc., Flour Corporation	The PMI Project Management Ready certification presents the tools needed to apply the project management skillset to all workplace and day-to-day activities. Students prepared for this certification know project management fundamentals and core concepts, traditional plan-based methodologies, Agile frameworks/methodologies, as well as Business Analyst frameworks.	<b>approve</b>
Business Management & Administration, Finance, Marketing, Information Technology	Microsoft Office Access Expert 2019	Microsoft Office	SPAWAR, FUSE Marketing, HPC COUNSULTING, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	MOS certifications help validate proficiency in using Microsoft Office 2019 and Office 365 and meet the demand for the most up-to-date skills on the latest Microsoft technologies. Candidates who pass a certification exam show that they can meet globally recognized performance standards. Candidates must pass one certification exam in order to earn MOS Associate or Expert certification.	<b>approve: Replace MOS Access 2010 and MOS Access 2013</b>



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Business Management & Administration, Finance, Marketing, Information Technology	Microsoft Office Excel Associate 2019	Microsoft Office	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	MOS certifications help validate proficiency in using Microsoft Office 2019 and Office 365 and meet the demand for the most up-to-date skills on the latest Microsoft technologies. Candidates who pass a certification exam show that they can meet globally recognized performance standards. Candidates must pass one certification exam in order to earn MOS Associate or Expert certification.	<b>approve: Replace MOS Excel 2010 Expert</b>
Business Management & Administration, Finance, Marketing, Information Technology	Microsoft Office Power Point Associate 2019	Microsoft Office	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	MOS certifications help validate proficiency in using Microsoft Office 2019 and Office 365 and meet the demand for the most up-to-date skills on the latest Microsoft technologies. Candidates who pass a certification exam show that they can meet globally recognized performance standards. Candidates must pass one certification exam in order to earn MOS Associate or Expert certification.	<b>approve: Replace MOS PowerPoint 2013</b>
Business Management & Administration, Finance, Marketing, Information Technology	Microsoft Office Word Associate 2019	Microsoft Office	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	MOS certifications help validate proficiency in using Microsoft Office 2019 and Office 365 and meet the demand for the most up-to-date skills on the latest Microsoft technologies. Candidates who pass a certification exam show that they can meet globally recognized performance standards. Candidates must pass one certification exam in order to earn MOS Associate or Expert certification.	<b>approve: Replace MOS Word 2013</b>

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Business Management & Administration, Finance, Marketing, Information Technology	Microsoft Office Word Expert 2019	Microsoft Office	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	MOS certifications help validate proficiency in using Microsoft Office 2019 and Office 365 and meet the demand for the most up-to-date skills on the latest Microsoft technologies. Candidates who pass a certification exam show that they can meet globally recognized performance standards. Candidates must pass one certification exam in order to earn MOS Associate or Expert certification.	<b>approve: Replace MOS Word 2010 Expert</b>
Business Management & Administration, Finance, Marketing, Information Technology	Microsoft 365 Certified TEAMS Administrator Associate	MICROSOFT	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	Microsoft Teams Administrators configure, deploy, and manage Office 365 workloads for Microsoft Teams that focus on efficient and effective collaboration and communication in an enterprise environment.	<b>approve</b>
Business Management & Administration, Finance, Marketing, Information Technology	TOSA® DigiComp	Isograd TOSA®	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	Used by more than 5,000 companies, schools, and training organizations in 30 countries, TOSA is an international standard for assessing digital skills. TOSA certifications are formally recognized in multiple US states, the UK (CPD Standard Office), France (CNCP) and the Netherlands	<b>approve</b>

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Business Management & Administration, Finance, Marketing, Information Technology	TOSA® InDesign	Isograd TOSA®	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	Used by more than 5,000 companies, schools, and training organizations in 30 countries, TOSA is an international standard for assessing digital skills. TOSA certifications are formally recognized in multiple US states, the UK (CPD Standard Office), France (CNCP) and the Netherlands	<b>approve</b>
Business Management & Administration, Finance, Marketing, Information Technology	TOSA® Illustrator	Isograd TOSA®	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	Used by more than 5,000 companies, schools, and training organizations in 30 countries, TOSA is an international standard for assessing digital skills. TOSA certifications are formally recognized in multiple US states, the UK (CPD Standard Office), France (CNCP) and the Netherlands	<b>approve</b>
Business Management & Administration, Finance, Marketing, Information Technology	TOSA® Photoshop	Isograd TOSA®	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	Used by more than 5,000 companies, schools, and training organizations in 30 countries, TOSA is an international standard for assessing digital skills. TOSA certifications are formally recognized in multiple US states, the UK (CPD Standard Office), France (CNCP) and the Netherlands	<b>approve</b>

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Health Science	Stop the Bleed	The Department of Homeland Security	Health care offices, private practices, hospitals, physical rehabilitation centers, nursing homes, outpatient care centers, hospice care facilities	Through our STOP THE BLEED® course, you will gain the ability to recognize life-threatening bleeding and intervene effectively. The person next to a bleeding victim may be the one who is most likely to save him or her. Take the course and become empowered to make a life or death difference when a bleeding emergency occurs. STOP THE BLEED®. Save a Life!	<b>approve</b>
Health Science	First Aid for Severe Trauma (FAST)	UDHS	Department of Homeland Security (DHS), Science and Technology Directorate (S&T) national Center for Disaster Medicine and Public Health (NCDMPH), American Red Cross	First Aid for Severe Trauma is a Department of Homeland Security funded course that teaches high school students the skills to respond to emergencies in the first 10 min or so after they occur. Because of the DHS funding, this is a FREE course for students under the age of 19, and it happens to be the first Stop the Bleed course developed specifically for high school age students.	<b>approve</b>
Health Science	Health Insurance Portability and Accountability Act - HIPAA Awareness Training for Healthcare Providers	CDC - Centers for Disease Control and Prevention & HIPAA	Digital Compliance	The Privacy Rule standards address the use and disclosure of individuals' health information— called "protected health information" by organizations subject to the Privacy Rule — called "covered entities," as well as standards for individuals' privacy rights to understand and control how their health information is used. Schools may choose the vendor they wish to use for this certification with the understanding that the credential earned does not replace the clinical facility's HIPAA training course for shadowing, clinical rotation, or work, if required by the facility	<b>approve</b>

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Hospitality & Tourism	The American Meat Science Association (AMSA) Culinary Meat Selection & Cookery Certification	American Meat Science Association	Kroger Stores, Kraft Heinz Company, Earth Fare, Cargill, Publix Super Markets, Dickey's Barbecue Pit, Sam's Club, U. S. Department of Defense, Fresh Market, Inc., Amick Farms, Pruitthealth, Pepsi Cola of Florence LLC, Piggly Wiggly - Lowcountry Grocers, Piggly Wiggly, Spring Valley Country Club, Tizer Meats, Brown Packing Co., Inc.	This certification validates fluency in culinary techniques, food safety, meat selection and retail cut identification. Those who earn the certification are more qualified and prepared to enter a variety of careers, specifically those that involve the selection and preparation of meat. Additionally, the certification allow employers to identify and connect with more skilled candidates, fillings gaps in the labor market and jump-starting individuals' careers.	<b>approve</b>
Hospitality & Tourism	Hospitality and Tourism Specialist (HTS) Credential	American Hotel & Lodging Educational Institute	University of South Carolina, Trident Technical College, Horry-Georgetown Technical College, Greenville Technical College, Spartanburg Community College, Columbia College, Johnson and Wales University, College of Charleston, Coastal Carolina University, Charleston Southern University, Technical College of the Lowcountry	The Hospitality and Tourism Specialist credential is available to hospitality professionals who have at least 100 hours working in any role in a segment of hospitality. Students must achieve a score of 70% or better to pass the exam. Individuals who have passed the exam will be able to complete an application for the HTS credential. Hours must have been earned within 5 years of taking the exam.	<b>approve</b>

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Information Technology	Swift (CERTIPORT): App Development with Swift Certification Level 1	Certiport	Any institution that does software development and/or support.	Swift is a robust and intuitive programming language created by Apple that is easy to learn, simple to use, and super powerful which makes it great for getting started with code. It is also one of the fastest growing, most popular open-source programming languages used by professional developers. In fact, some of the world's most popular apps are built in Swift.	<b>approve</b>
Information Technology	Adobe Certified Professional (ACP) Using Adobe Animate	Certiport	Any institution that requires the creation of animation and visual effects from television to mobile devices to games to software and other forms of media using illustrations.	With the evolution from Flash Professional to Animate CC, the Adobe Certified Associate certification is also changing. The Adobe Animate CC exam incorporates the updates and enhancements found in the new software. The Animate CC exam validates an individual's skills using the premier animation tool. The ACA Animate CC exam proves a student has the skills necessary to create dynamic and engaging content required for a career in animation and design.	<b>approve</b>
Information Technology	Adobe Certified Professional (ACP) Visual Effects & Motion Graphics Using Adobe After Effects	Certiport	Any institution that requires the creation of animation and visual effects from television to mobile devices to games to software and other forms of media using illustrations.	Adobe After Effects is the industry-standard motion graphics and visual effects software. Create cinematic movie titles, intros, and transitions. Start a fire or make it rain. Animate a logo or character. With After Effects CC, you can take any idea and make it move.	<b>approve</b>

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Information Technology	Adobe Certified Professional Video Design Specialist (ACP-VDP)	Certiport	Any institution with an online presence that utilizes webpages and networking.	The Adobe Certified Professional in Video Design validates the individual's expertise in creating and editing videos using Adobe Creative Cloud. It requires professional-level skills and knowledge to effectively create graphics, animations, and special effects. To earn a new specialty credential, candidates must achieve a passing score on one specific exam, as well as a passing score on one of the other two exams as listed below. Any version of the Live-in-the-App exams will qualify.	<b>approve</b>
Information Technology	Adobe Certified Professional Visual Design Specialist (ACP-VDS)	Certiport	Any institution with an online presence that utilizes webpages and networking.	The Adobe Certified Professional in Visual Design validates the individual's expertise in creating and designing holistic digital aesthetics using Adobe Creative Cloud. This certification requires professional-level skills and knowledge to effectively create and develop digital creative assets.	<b>approve</b>
Information Technology	Adobe Certified Professional Web Design Specialist (ACP-WD)	Certiport	Any institution with an online presence that utilizes webpages and networking.	The Adobe Certified Professional in Web Design validates the individual's expertise in designing and building web pages using Adobe Creative Cloud. It requires professional-level skills and knowledge to effectively design and develop websites, layouts, and user interface.	<b>approve</b>

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Information Technology	App Development with Swift Associate	Certiport	Any institution that does software development and/or support.	High school or higher education students who successfully complete the App Development with Swift Associate exam demonstrate knowledge of the impact of computing and apps on society, economies, and cultures while exploring iOS app development.	<b>approve</b>
Information Technology	App Development with Swift Certified User	Certiport	Any institution that does software development and/or support.	Higher education students who successfully complete the App Development with Swift Certified User exam demonstrate fundamental iOS app development skills with Swift. They have knowledge of core concepts and practices that professional Swift programmers use daily.	<b>approve</b>
Information Technology	CEPP- Certified Expert in Python Programming	Python Institute	Any instution that does software development and/or support.	The candidate who completes the OpenEDG Python Institute General Programming certification program, i.e., passes the PCAP-31-xx, PCPP-32-1-xx, and PCPP-32-2-xx exams, becomes recognized as an OpenEDG Python Institute Certified Expert in Python Programming (CEPP).	<b>approve</b>
Information Technology	CLA-C Programming Language Certified Associate Certification (CLA – C Certified Associate Programmer Certification)	C++Institute - Program Your Future	Any instution that does software development and/or support.	The C Programming Language Certified Associate (CLA) is a professional certificate that measures your ability to accomplish coding tasks related to the basics of programming in the C programming language, as well as fundamental programming techniques, customs and vocabulary, including the most common library functions and the usage of the preprocessor.	<b>approve</b>



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Information Technology	CLE-C Certified Entry-Level Programmer Certification	C++Institute - Program Your Future	Any instution that does software development and/or support.	The CLE – C Certified Entry-Level Programmer certification shows that the individual is familiar with universal computer programming concepts like compilation, variables, data types, typecasting, operators, conditional execution, loops, arrays, pointers, memory management, functions, and the runtime environment.	<b>approve</b>
Information Technology	CLP-C Certified Professional Programmer Certification	C++Institute - Program Your Future	Any instution that does software development and/or support.	The C Certified Professional Programmer (CLP) is a professional certificate that measures the ability to accomplish coding and design tasks related to advanced topics of the C programming language, as well as advanced programming techniques, including the library functions and the usage of the preprocessor.	<b>approve</b>
Information Technology	CPA-C++ Certified Associate Programmer Certification	C++Institute - Program Your Future	Any instution that does software development and/or support.	The C++ Certified Associate Programmer (CPA) is a professional certificate that measures your ability to accomplish coding tasks related to the basics of programming in the C++ language and the fundamental notions and techniques used in object-oriented programming.	<b>approve</b>
Information Technology	CPE-C++ Certified Entry-Level Programmer Certification	C++Institute - Program Your Future	Any instution that does software development and/or support.	The CPE – C++ Certified Entry-Level Programmer certification shows that the individual is familiar with universal computer programming concepts like compilation, variables, data types, typecasting, operators, conditional execution, loops, arrays, pointers, structures, and the runtime environment.	<b>approve</b>

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Information Technology	CPP-C++ Certified Professional Programmer Certification	C++Institute - Program Your Future	Any instution that does software development and/or support.	The C++ Certified Professional Programmer (CPP) is a professional certificate that measures the ability to accomplish coding tasks related to the more advanced C++ topics such as templates and the Standard Template Library.	<b>approve</b>
Information Technology	Cybersecurity Level 1 Certified	CodeHS	Any instution that does software development and/or support.	The CodeHS Cybersecurity Level 1 Certification Exam proves students' foundational understanding of Cybersecurity topics and concepts.	<b>approve</b>
Information Technology	Cybersecurity Level 2 Certified	CodeHS	Any instution that does software development and/or support.	The CodeHS Cybersecurity Level 2 Certification Exam proves students' understanding of advanced cybersecurity topics and concepts.	<b>approve</b>
Information Technology	Dell Client Foundation and Enterprise Self-Dispatch Certification	Dell Technologies TechDirect	Any instution that does software development and/or support.	The Dell Student TechCrew promotes future career skills and learning via hands-on experience as students help their peers and school staff with technology issues.	<b>approve</b>
Information Technology	IT Automation with Python Certificate	Grow with Google	Any institution that does software development and/or support.	The IT Automation with Python certificate is an advanced certificate that allows students to demonstrate knowledge in Python programming, IT automation, troubleshooting and debugging, testing in Python, and development environment set up.	<b>approve</b>
Information Technology	IT Support Certificate	Grow with Google	Any instution that does software development and/or support.	The IT Support certificate provides the skills needed for an introductory-level job in IT support, to include troubleshooting and customer care, networking, operating systems, system administration, and security.	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
Information Technology	Java Level 1 Certified	CodeHS	Any instution that does software development and/or support.	The CodeHS Java Level 1 Certification Exam proves students' foundational understanding of Java topics and concepts.	<b>approve</b>
Information Technology	JavaScript Level 1 Certified	CodeHS	Any instution that does software development and/or support.	The CodeHS JavaScript 1 Certification Exam proves students' foundational understanding of JavaScript topics and concepts.	<b>approve</b>
Information Technology	PCEP – Certified Entry-Level Python Programmer	Python Institute	Any instution that does software development and/or support.	The PCEP – Certified Entry-Level Python Programmer certification shows that the individual is familiar with universal computer programming concepts like data types, containers, functions, conditions, loops, as well as Python programming language syntax, semantics, and the runtime environment.	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
Information Technology	PCPP1 – Certified Professional in Python Programming 1	Python Institute	Any instution that does software development and/or support.	The PCPP1 – Certified Professional in Python Programming 1 certification shows that the individual is proficient in the more advanced use of classes and features of object-oriented programming. The scope of certification also includes graphical user interface programming, networking and using RESTful APIs, as well as working with selected library modules allowing to interact with SQLite databases (the sqlite3 module), create and process XML files (the xml module), read, write and process csv files (the csv module), create and process log messages from Python programs (the logging module), and manage configuration files (the configparser module). Finally, the certification covers the best practices, standardization, and coding conventions used in the Python Language.	<b>approve</b>
Information Technology	PCPP2 - Certified Professional in Python Programming 2	Python Institute	Any institution that does software development and/or support.	The PCPP2 – Certified Professional in Python Programming 2 certification shows that the individual is familiar with and proficient in automating processes with Python as well as creating Python and Python-related tools, frameworks and systems. The scope of certification includes: Creating and Distributing Packages, Testing Principles and Techniques, The Fundamentals of Design Patterns and Interprocess Communication (IPC), The Basics of Python	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
				Network Programming, Python-MySQL Database Access.	
Information Technology	Precisions Exams by YouScience: Computer Programming I	Precision Exams by YouScience	Any institution that does software development and/or support.	The Computer Programming I certificate allow student to demonstrate knowledge in computer programming fundamentals. Topics include coding concepts and problem-solving skills through a programming language such as C++, C#, Java, Python, or JavaScript.	<b>approve</b>
Information Technology	Python Level 1 Certified	CodeHS	Any institution that does software development and/or support.	The CodeHS Python Level 1 Certification Exam proves students' foundational understanding of Python topics and concepts.	<b>approve</b>
Information Technology	TestOut CyberDefense Pro Certification	TestOut	Any institution that does software development and/or support.	The TestOut CyberDefense Pro certification exam validates that students are able to defend against ever increasing attacks against traditional solutions like firewalls and antivirus software. The exam measures the ability to complete tasks related to the following topics: Monitoring and Log Analysis, Threat Analysis and Detection, Risk Analysis and Mitigation, Incident Response, and Audit and Compliance.	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
Information Technology	Web Design Level 1 Certified	CodeHS	Any institution that does software development and/or support.	The CodeHS Web Design Level 1 Certification Exam proves students' foundational understanding of HTML and CSS topics.	<b>approve</b>
Information Technology	Web Development Level 1 Certified		Any institution that does software development and/or support.	The CodeHS Web Development Level 1 Certification Exam proves students' foundational understanding of Web Development topics and concepts.	<b>approve</b>
Law, Public Safety, Corrections, & Security	Precision Exams by YouScience: Criminal Justice 1	Precision Exams by YouScience	Law Enforcement agencies and business and industry that has Security departments. Law and Public Safety Education Network.	The Criminal Justice 1 certification includes the history of law enforcement and the legal system, report writing and recordkeeping, criminal investigation techniques, and routine police procedures. Students demonstrate knowledge on how to use communications and dispatch equipment, perform proper search and seizure techniques, conduct basic criminal investigations, and execute correct pursuit and arrest procedures. Students demonstrate preparation to enter the fields of law enforcement and the criminal justice system.	<b>approve</b>
Law, Public Safety, Corrections, & Security	Precision Exams by YouScience: Criminal Justice 2	Precision Exams by YouScience	Law Enforcement agencies and business and industry that has Security departments. Law and Public Safety Education Network.	The Criminal Justice 2 certification demonstrates an in depth understanding of the American judicial system highlighting criminal laws and procedures and major landmark case law. Students demonstrate knowledge in basic investigative techniques for crimes against people and property. Students demonstrate an increased understanding of the criminal justice field with an emphasis on law enforcement.	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
Law, Public Safety, Corrections, & Security	Initial Security Officer Certificate	International Foundation for Protection Officers	Law Enforcement agencies and business and industry that has Security departments. Law and Public Safety Education Network.	Initial Security Officer Certificate will provide the student Nature and Role of Private Security Officers, Observation and Incident Reporting, Principles of Communication, Access Control, Safeguarding Information, Emergency Response Procedures, Life Safety Awareness and Workplace Violence.	<b>approve</b>
Law, Public Safety, Corrections, & Security	Professional Security Officer Certificate	International Foundation for Protection Officers	Law Enforcement agencies and business and industry that has Security departments. Law and Public Safety Education Network.	Professional Security Officer Certificate will provide the student with the knowledge to know when a crowd is becoming hostile. What should you do in case of a hostile crowd? How do you ensure traffic moves smoothly around a construction site? How do you properly fill a parking lot? What are the duties of a security officer and how they differ from the duties of a public law enforcement officer?	<b>approve</b>
Law, Public Safety, Corrections, & Security	Emergency Medical Responder	LLR-South Carolina Fire Academy	South Carolina State Fire Academy, Naional Association of Emergency Medical Technicians (NAEMT) Trainig Center for Advanced Medical Life Support, Department of Health & Environmental Control (DHEC)	This Certification is issued by the SC Fire Academy after a student has successfully completed the course materials. Since an increase in medical emergencies are being requested through Fire Departments this certification was designed to augment the limited number of EMTs and Paramedics available.	<b>approve</b>
Manufacturing	Certified Onshape Associate	Learn-Onshap	Post Secondary Institutions, Industries	The Certified Onshape Associate exam certifies that a user is proficient in OnShape modeling workflows.	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
Manufacturing	Society of Manufacturing Engineers (SME) Certified Manufacturing Associate (CMfgA)	SME	SME Education Foundationm SMART Manufacturing, Digital Resource Showcase, Manufacturing Resource Centers, Rappid + tct, FABTECH, Houstex, Eastec, Southtec, Westec	The Certified Manufacturing Associate (CMfgA) certification covers fundamental topics such as shop math, assembly, maintenance, machining, inspection, and more. This industry-driven certification demonstrates that the individual has basic knowledge of manufacturing and may be an ideal candidate for entry-level manufacturing employment. After earning the CMfgA certification, SME encourages individuals to explore a variety of available career pathways in manufacturing and continue with training or education to earn more advanced technical certifications.	<b>approve</b>
Marketing	Stukent Social Media Marketing Certification	Stukent	Public Relations firms, Advertising & Communications Companies, Sales & Entrepreneurship businesses, Marketing Foundations, Digital Marketing and Post Secondary Institutions	The Stukent Social Media Marketing certification is an 80-question, 2-hour certification. Test results demonstrate content mastery in Social Media Marketing as offered through the Stukent courseware bundle. The certification is free with a subscription.	<b>approve</b>



<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
Transportation, Distribution & Logistics, Agriculture, Food & Natural Resources, Architecture & Construction, Human Services/Family & Consumer Sciences	Precision Exams by YouScience: Small Engineer Repair I	Precision Exams by YouScience	Lawn mower repair, power equipment repair, outdoor power equipment, auto parts and towing, Husqvarna, Appliance Repair, Appliance Medic, Air Conditioning and Heating, Home Small Engine Repair, Sewing Machine repair	Precision Exams works with business and industry to develop stackable competency- and industry- based career and technical education certification exams based on the needs and resources of business and industry. All certification standards are developed to recognize demonstrated content mastery. In addition, Precision Exams offers reporting tools that help teachers and schools determine where to focus to improve scores and show growth measurement throughout the length of a course.	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
Transportation, Distribution & Logistics, Agriculture, Food & Natural Resources	Snap-on/NC3: Battery, Starting, and Charging Certification	Snap-on	Snap-on incorporated, Gyro-Trac Corporation, Field Transportation, Commercial Metas Company, R. W. Harris, Inc., DC Heavy Hydraulics, STEIN, LLC, ManTech International Corporation, WHECO corp, Eagle Construction Company, Mader Group, US Foods, TravelCenters of America, H&E Equipment Services, CBG, Inc.	The successful completion of the Snap-on Battery, Starting, and Charging Certification enables graduates to demonstrate a solid understanding of battery, starting, and charging diagnostics, jump-starting tools and service equipment. The skills acquired during this comprehensive training are valuable TOOLS FOR LIFE that can lead to rewarding careers in a vast array of industries in the global marketplace. Snap-on and NC3 combined their industrial experience and expertise to create a certification that includes hands-on training using tools fundamental to transportation careers. Those who earn this certification will be proficient in the use of charging, jumping and testing equipment as well as the safety measures required for this fundamental skill.	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
Transportation, Distribution & Logistics	Snap-on/NC3: Diesel Scanner Diagnostics Certification	Snap-on	Department of Transportation, Penske Truck Leasing and Logistics, Loomis Armored US, LLC, Ryder, Sparrow and Kennedy Tractor Co. Inc., United Parcel Service, Love's Travel Stops & Country Stores, Sparrow and Kennedy Tractor Co. Inc., Confidentil, Red Classic,	Students who earn the Snap-on Diesel Scanner Diagnostics Certification have completed hands-on training with state-of-the-art Snap-on equipment developed for diesel repair and maintenance. The certification demonstrates that graduates have attained a solid understanding of scanner controls and operation, providing them with TOOLS FOR LIFE required to service computer-controlled diesel vehicles. Today's diesel and heavy duty vehicles require computerized diagnostics to properly identify problems. As the leader in aftermarket diesel vehicle diagnostics, Snap-on developed a certification course that include classroom training and advanced lab exercises. A majority of technicians who use scanning equipment know only 20-30% of the tool's capabilities. When students complete their certification, they can show employers they have valuable experience as scanner power-users.	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
Transportation, Distribution & Logistics	Snap-on/NC3: Rotor Matching Master Technician Certification	Snap-on	Department of Transportation, Penske Truck Leasing and Logistics, Loomis Armored US, LLC, Ryder, Sparrow and Kennedy Tractor Co. Inc., United Parcel Service, Love's Travel Stops & Country Stores, Sparrow and Kennedy Tractor Co. Inc., Confidentil, Red Classic	Students who earn the Snap-on Rotor Matching Master Technician Certification have acquired skills in the diagnosis and repair of brake related problems encountered on today's precisely engineered vehicles. This essential TOOLS FOR LIFE cover the capabilities required to accurately identify performance and safety related brake system malfunctions, as well as how to correct them effectively. This certification provides a widely recognized endorsement of technical expertise and demonstrated achievement. Students are trained to diagnose and repair the complex challenges of rotor matching that are regularly seen in brake repair facilities.	<b>approve</b>
Transportation, Distribution & Logistics	Snap-on/NC3: Tire Pressure Monitoring Systems Certification	Snap-on	Department of Transportation, Penske Truck Leasing and Logistics, Loomis Armored US, LLC, Ryder, Sparrow and Kennedy Tractor Co. Inc., United Parcel Service, Love's Travel Stops & Country Stores, Sparrow and Kennedy Tractor Co. Inc., Confidentil, Red Classic	The Snap-on Tire Pressure Monitoring Systems Certification trains power users of Snap-on TPMS4 tire diagnostic equipment. Upon successful completion of the certification curriculum and hands-on lab exercises, certified technicians can safely and productively utilize all features found on Snap-on TPMS4 diagnostic equipment. The curriculum includes training materials and practical lab exercises designed to develop tire service knowledge and professionalism that are TOOLS FOR LIFE for those pursuing careers in automotive maintenance technology and collision repair.	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
Transportation, Distribution & Logistics	Snap-on/NC3: Wheel Service and Alignment Certification	Snap-on	Department of Transportation, Penske Truck Leasing and Logistics, Loomis Armored US, LLC, Ryder, Sparrow and Kennedy Tractor Co. Inc., United Parcel Service, Love's Travel Stops & Country Stores, Sparrow and Kennedy Tractor Co. Inc., Confidentil, Red Classic,	The Snap-on Wheel Service and Alignment Certification is awarded to students who achieve proficiency in automotive wheel balancing and alignment, and tire changing equipment. The curriculum includes practical lab exercises designed to develop the knowledge and professionalism that are TOOLS FOR LIFE for those pursuing careers in automotive maintenance technology and collision repair. Wheel service and alignment are among the most in-demand specialties in the automotive industry, and many service centers lack on-site, trained specialists. Technicians with this certification are widely recognized for their advanced training and hands-on experience. The course provides lab exercises for training on professional-grade equipment including balancers, changers and alignment systems. Students who successfully complete the course obtain the training and professionalism required to be safe, accurate and proficient on the job. [NC3]	<b>approve</b>
Transportation, Distribution & Logistics	Automotive Scanner Diagnostics Certification - Apollo	Snap-on	Public Relations firms, Advertising & Communications Companies, Sales & Entrepreneurship businesses, Marketing Foundations, Digital Marketing and Post Secondary Institutions	Students who earn the Snap-on Automotive Scanner Diagnostics Certification have acquired skills they need to unlock the full potential of sophisticated diagnostic platforms and have been provided the insight and experience required to service computer-controlled vehicles. When students complete this certification, they can show	<b>approve</b>

<b>College and Career Readiness Recommendations SY21 - SY22 &amp; SY22 - SY22 -23</b>					
<b>Career Cluster</b>	<b>Assessment/Certification/ Industry Credential</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification provided by SC Dept. of Education</b>	<b>EOC Staff Recommendation</b>
				employers they have hands-on experience as scanner power-users.	
Transportation, Distribution & Logistics	Mechanical And Electronic Torque Certification	Snap-on	Department of Transportation, Penske Truck Leasing and Logistics, Loomis Armored US, LLC, Ryder, Sparrow and Kennedy Tractor Co. Inc., United Parcel Service, Love's Travel Stops & Country Stores, Sparrow and Kennedy Tractor Co. Inc., Confidentil, Red Classic	The Snap-on Mechanical and Electronic Torque Certification is awarded to students who successfully achieve proficiency in the use of torque tools. In-depth knowledge of torque theory, and experience in wrench selection and torque application form TOOLS FOR LIFE that enable technicians to be productive, efficient, and safe when using torque instruments in a wide variety of industries.	<b>approve</b>
Transportation, Distribution & Logistics	TIA Tire Compliance	TIA Tire Industry Association	Deparatment of Transportation, Penske Truck Leasing and Logistics, Loomis Armored US, LLC, Ryder, Sparrow and Kennedy Tractor Co. Inc., United Parcel Service, Love's Travel Store & Countr Stores, Sparrow and Kennedy Tractor Co. Inc., Confidential, Red Classic	The commercial tire industry mandates that anyone who handles a commercial tire must have the TIA certification. This class is a 200 level TIA compliance certification. Students are taught about tires throughout the school year and learn how to jack up a tractor and trailer, how to manually repair and change a commercial tire, and the final aspect of teaching is the lock out and tag out component. TIA's basic tire service program covers OSHA Regulations, OSHA Rim Matching and Demount/Mount Charts Single-Piece Demounting, Mounting & Inflation Multi-Piece Demounting, Mounting & Inflation Zipper Rupture Inspection Disc Wheel Service, Maintenance & Inspection Procedures Demountable Rim Service, Maintenance & Inspection Procedures.	<b>approve</b>

College and Career Readiness Recommendations SY21 - SY22 & SY22 - SY22 -23					
Career Cluster	Assessment/Certification/ Industry Credential	Certifying Agency/Industry	Higher Education and Business Support	Justification provided by SC Dept. of Education	EOC Staff Recommendation
Transportation, Distribution & Logistics	South Carolina Boater Education Certificate	BOATER	US Coast Guard Recognized, NASBLA Strategic Partner, Official Boating Educator	South Carolina Boaters Education requirements for certification are: anyone under the age of 16 years old may operate a vessel or personal watercraft (PWC) powered by a motor less than 15 horsepower without restrictions. Anyone may operate a vessel or personal watercraft (PWC) powered by a motor of more than 15 horsepower only if accompanied by a person 18 years or older who has successfully completed an approved boater safety course	<b>Not approve</b>