

This list was approved by the SC Education Oversight Committee on April 8, 2019 as submitted by the SC Dept. of Education (SCDE).

<b>PROPOSED INDUSTRY CREDENTIALS LIST FOR 2018-19 &amp; 2019-20</b>							
<b>Career Cluster</b>	<b>Assessment/Certification/Industry Credential</b>	<b>Student Reporting Procedures Guide #</b>	<b>Certifying Agency/Industry</b>	<b>Higher Education and Business Support</b>	<b>Justification</b>	<b>Keep/Add/Delete/Expand</b>	<b>Notes</b>
Agriculture, Food & Natural Resources / Family and Consumer Sciences	Food Safety and Science Certification	A79	iCEV Multimedia / National Collegiate Livestock Coaches Association	USDA, Clemson		<b>KEEP</b>	
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,		<b>KEEP</b>	
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		<b>KEEP</b>	
Agriculture, Food & Natural Resources	Veterinary Medical Applications Certification	A86	iCEV Multimedia / National Collegiate Livestock Coaches Association	Clemson University; Piedmont Technical College		<b>KEEP</b>	
Agriculture, Food & Natural Resources	Principles of Floral Design Certification	A82	iCEV Multimedia / National Collegiate Livestock Coaches Association	Clemson University		<b>KEEP</b>	
Agriculture, Food & Natural Resources	Meat Evaluation Certification	A83	iCEV Multimedia / National Collegiate Livestock Coaches Association	USDA, Clemson		<b>KEEP</b>	
Agriculture, Food & Natural Resources	Fundamentals of Animal Science Certification	A81	iCEV Multimedia / National Collegiate Livestock Coaches Association	USDA, Clemson		<b>KEEP</b>	
Agriculture, Food & Natural Resources	Plant Science Certification	A80	iCEV Multimedia / National Collegiate Livestock Coaches Association	USDA, Clemson		<b>KEEP</b>	
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,		<b>KEEP</b>	

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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		<b>KEEP</b>	
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		<b>KEEP</b>	

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				for Humanity, Eaton, Greenwood Partnership Alliance,			
ALL	OSHA 10 General	247	Occupational Safety and Health Administration (OSHA)	SC Technical College System, Cato Electric, Screwomatics, 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.		<b>KEEP</b>	
Architecture & Construction	ADDA – Certified Apprentice Drafter	54	American Design Drafting Association (ADDA)	* SC Technical College System		<b>KEEP</b>	
Architecture & Construction	Certified Associate in Project Management (CAPM)	64	Certified Associate in Project Management (CAPM), Project Management Institute	Contract Construction, SPAWAR		<b>KEEP</b>	
Architecture & Construction	EPA Section 608	17	Environmental Protection Agency (EPA)	SC Technical College System, Lennox International, Atlantic Housing, Pinnacle Property Management		<b>KEEP</b>	
Architecture & Construction	HVAC Excellence	46	HVAC Excellence	SC Technical College System		<b>KEEP</b>	
Architecture & Construction	NATE - Air Conditioning	146	North American Technician Excellence (NATE)	SC Technical College System		<b>KEEP</b>	
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		<b>KEEP</b>	
Architecture & Construction	NATE - Commercial Refrigeration (Service Only)	148	North American Technician Excellence (NATE)	SC Technical College System		<b>KEEP</b>	
Architecture & Construction	NATE - Gas Heating	149	North American Technician Excellence (NATE)	SC Technical College System		<b>KEEP</b>	

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Architecture & Construction	NATE - Ground Source Heat Pump Loop Installer (Service Only)	150	North American Technician Excellence (NATE)	SC Technical College System		<b>KEEP</b>	
Architecture & Construction	NATE - Heat Pumps	151	North American Technician Excellence (NATE)	SC Technical College System		<b>KEEP</b>	
Architecture & Construction	NATE - Hydronics Gas (Service Only)	152	North American Technician Excellence (NATE)	SC Technical College System		<b>KEEP</b>	
Architecture & Construction	NATE - Hydronics Oil (Service Only)	153	North American Technician Excellence (NATE)	SC Technical College System		<b>KEEP</b>	
Architecture & Construction	NATE - Light Commercial Refrigeration (Service Only)	154	North American Technician Excellence (NATE)	SC Technical College System		<b>KEEP</b>	
Architecture & Construction	NATE - Oil Heating	155	North American Technician Excellence (NATE)	SC Technical College System		<b>KEEP</b>	
Architecture & Construction	NCCER – A/C Ref. Technology	25	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		<b>KEEP</b>	
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		<b>KEEP</b>	
Architecture & Construction	NCCER – Core	56	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		<b>KEEP</b>	
Architecture & Construction	NCCER – Electricity	27	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		<b>KEEP</b>	
Architecture & Construction	NCCER – Masonry	29	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		<b>KEEP</b>	
Architecture & Construction	NCCER – NCCT National Construction Career Test	58	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		<b>KEEP</b>	
Architecture & Construction	NCCER – Plumbing	30	National Center for Construction Education and Research (NCCER)	Contract Construction, Roebuck Builders		<b>KEEP</b>	
Architecture & Construction	RCA-Basic Principles for Construction	A45	Residential Construction Academy (RCA)	Contract Construction, Roebuck Builders		<b>KEEP</b>	

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Architecture & Construction	RCA-Electrical Principles	A46	Residential Construction Academy (RCA)	Contract Construction, Roebuck Builders		<b>KEEP</b>	
Architecture & Construction	RCA-Electrical Wiring	A48	Residential Construction Academy (RCA)	Contract Construction, Roebuck Builders		<b>KEEP</b>	
Architecture & Construction	RCA-House Wiring	A47	Residential Construction Academy (RCA)	Contract Construction, Roebuck Builders		<b>KEEP</b>	
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		<b>KEEP</b>	
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		<b>KEEP</b>	
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		<b>KEEP</b>	
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		<b>KEEP</b>	

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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		<b>KEEP</b>	
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		<b>KEEP</b>	
Arts, A/V Technology & Communications	Adobe® Certified Expert	65	Adobe®	Berkeley County Government, Spartan Custom, Altman Printing, Turner Graphics, OEC Graphics, Latitude Printworks, Ritrama		<b>KEEP</b>	
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		<b>KEEP</b>	

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Arts, A/V Technology & Communications	<u>72 -Fashion, Textiles, and Apparel</u>	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: <ul style="list-style-type: none"> <li>•retail and wholesale buying,</li> <li>•apparel and textile development and production,</li> <li>•fashion and textile design, and</li> <li>•visual merchandising.</li> </ul>	<b>ADD</b>	

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Arts, A/V Technology & Communications	<u>73 - Interior Design Fundamentals</u>	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. ADD	<b>ADD</b>	



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Arts, A/V Technology & Communications	<u>75 - Housing and Furnishings</u>	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.	<b>ADD</b>	
Business Management & Administration	MOS: Office 2010 - Access 2010	92	Microsoft ®	Berkeley County Government, Nucor, ECPI University		<b>KEEP</b>	
Business Management & Administration	MOS: Office 2010 - Excel 2010 Expert	89	Microsoft ®	Berkeley County Government, Nucor, ECPI University		<b>KEEP</b>	
Business Management & Administration	MOS: Office 2010 - Word 2010 Expert	87	Microsoft ®	Berkeley County Government, Nucor, ECPI University		<b>KEEP</b>	
Business Management & Administration	MOS: Office 2016 – Access 2016	105	Microsoft ®	Berkeley County Government, Nucor, ECPI University		<b>KEEP</b>	
Business Management & Administration	MOS Office 2016 – Excel 2016 Expert	103	Microsoft ®	Berkeley County Government, Nucor, ECPI University		<b>KEEP</b>	
Business Management & Administration	MOS: Office 2016 – Word 2016 Expert	101	Microsoft ®	Berkeley County Government, Nucor, ECPI University		<b>KEEP</b>	
Business Management & Administration	MOS: Microsoft Office Access 2013	A36	Microsoft ®	Berkeley County Government, Nucor, ECPI University		<b>KEEP</b>	

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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, 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.	<b>ADD</b>	
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, 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.	<b>ADD</b>	
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, 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.	<b>ADD</b>	

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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	<p>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.</p>	<b>ADD</b>	

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Business Management & Administration	<u>IC 3 (Internet and Computer Core Certification)</u>	19	IC3 Digital Literacy Certification by Certiport	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware, All School Districts, YesCarolina, Heritage Trust Federal Credit Union, MEBA, EverFi	The Internet and Computing Core Certification (IC <sup>3</sup> ) program ensures that students have the knowledge and skills required for basic use of computer hardware, software, networks, and the Internet. IC <sup>3</sup> 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.	<b>ADD</b>	
Business Management & Administration	<u>Career Safe OSHA 10-Hour General Industry Credential</u>	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.	<b>ADD</b>	
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		<b>KEEP</b>	
Education & Training	ParaPro Assessment	A17	ParaPro	Trident Technical College, Dorchester School District Two After School Programs, All SC School Districts		<b>KEEP</b>	

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Education & Training	South Carolina Early Childhood Credential	59	South Carolina Early Childhood Credential	SC Technical College System, Greenville First Steps, Primrose Academy		<b>KEEP</b>	
Education & Training	<u>SC 15-Hour Health and Safety Pre-Service Certificate</u>		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. <ul style="list-style-type: none"> <li>• Prevention and control of infectious diseases</li> <li>• SIDS and the use of safe sleep practices</li> <li>• Administration of medication</li> <li>• Prevention of and response to food allergies</li> <li>• Building and physical premises safety</li> <li>• Prevention of shaken baby syndrome &amp; abusive head trauma</li> <li>• Emergency preparedness &amp; response planning</li> <li>• Storage of hazardous materials &amp; bio-contaminants</li> <li>• Precautions in transporting children</li> <li>• First-aid and CPR</li> <li>• Nutrition and physical activity</li> </ul>	<b>ADD</b>	Field request added January 29, 2019
Education & Training	<u>The Child Development Associate Credential</u>	A65	National Council for Professional Recognition	Trident Technical College, South Carolina State College, Winthrop University, Central Carolina Technical College, NAEYC		<b>KEEP</b>	

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Education & Training	<u>Education Fundamentals</u>	70	American Association of Family and Consumer Sciences (AAFCS)	<ul style="list-style-type: none"> <li>• elementary, middle, and secondary schools,</li> <li>• after-school programs;</li> <li>• higher education, non-profit, and corporate settings.</li> </ul>	The Education Fundamentals assessment and certification are: <ul style="list-style-type: none"> <li>• driven by industry standards;</li> <li>• based on relevant content standards and consistent with the National Standards for Family and Consumer Sciences Education and the National Career Clusters Initiative;</li> <li>• appropriate to validate achievement of competencies related to the fundamentals of education and training;</li> </ul>	<b>ADD</b>	

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Education & Training	<u>Praxis Core</u>		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 <a href="https://www.ets.org/praxis/sc">https://www.ets.org/praxis/sc</a> 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	<b>ADD</b>	
Government & Public Administration	National Incident Management System Certifications	A70	Federal Emergency Management Agency (FEMA)	Berkeley County Government;			



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Finance	<u>QuickBooks Certified User</u>	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.	<b>ADD</b>	
Finance	<u>Sage 50 Peachtree Accounting Certification</u>	ADD	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.	<b>ADD</b>	
Finance	<u>Career Safe OSHA 10-Hour General Industry Credential</u>	NEW	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.	<b>ADD</b>	



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Finance	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.	<b>ADD</b>	
Finance	<u>SC Property and Casualty Producer License</u>	NEW	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.	<b>ADD</b>	
Government & Public Administration -South Carolina does not have this cluster	National Incident Management System Certifications	A70	Federal Emergency Management Agency (FEMA)	Berkeley County Government;	Move this certifications to Law Public Safety Security and Corrections.	<b>Moved to Law, Public Safety, Corrections and Security Cluster</b>	
Health Science	Certified Electronic Health Records Specialist	A75	National Healthcareer Association (NHA)	Roper, Spartanburg Regional Healthcare, Mary Black Hospital System		<b>KEEP</b>	
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,		<b>KEEP</b>	

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				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			
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		<b>KEEP</b>	
Health Science	Electrocardiographic (EKG) Technician	51	American Society of Phlebotomy Technicians (ASPT)	Spartanburg Community College, Greenville Technical College		<b>KEEP</b>	
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		<b>KEEP</b>	

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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		<b>KEEP</b>	
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		<b>KEEP</b>	
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,		<b>KEEP</b>	
Health Science	National Health Science Assessment	24	National Consortium for Health Science Education (NCHSE)	Self Regional Healthcare, Lander University		<b>KEEP</b>	
Health Science	Pharmacy Technician	35	Pharmacy Technician Certification Board (PTCB)	CVS, WalGreens, Cut Rate Drug Store, Palmetto Health		<b>KEEP</b>	
Health Science	Phlebotomist	52	The American Society of Phlebotomy Technicians (ASPT)	SC Technical College System, Greenville First Steps, Primrose Academy		<b>KEEP</b>	

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Health Science	<u>Certified Clinical Medical Assistant</u>		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.	<b>ADD</b>	
Health Science	<u>Certified Medical Administrative Assistant</u>		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.	<b>ADD</b>	

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Health Science	Certified Direct Support Professional		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.	<b>ADD</b>	

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Health Science	<u>Biotechnician Assistant Credential</u>		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.	<b>ADD</b>	

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Hospitality & Tourism	<del>ACF Retail Commercial Baking</del> Certified Fundamentals Pastry Cook™ (CFPC™):	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.	<b>KEEP/Revise</b>	Revised January 31, 2019 Change from ACF Retail Commercial Baking to Certified Fundamentals Pastry Cook™

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Hospitality & Tourism	<u>Certified Pastry Culinarian® (CPC®)</u>		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.	<b>ADD</b>	Added January 31, 2019 per request from the field



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Hospitality & Tourism	<u>Certified Culinarian® (CC®):</u>		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.	<b>ADD</b>	Added January 31, 2019 per request from the field

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Hospitality & Tourism	<del>Certified Junior Culinarian</del> <u>Certified Fundamentals Cook® (CFC®):</u>	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.	<b>ADD</b>	Change the name. Added January 31, 2019 per request from the field
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		<b>KEEP</b>	
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.	<b>KEEP</b>	

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Hospitality & Tourism / Family and Consumer Sciences	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		<b>KEEP</b>	
Hospitality & Tourism / Family and Consumer Sciences	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		<b>KEEP</b>	
Hospitality & Tourism	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	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	<b>KEEP - ADD categories</b>	

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Hospitality & Tourism	<u>Guest Service Gold – Making the Connection</u>	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.	<b>ADD</b>	
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.	<b>ADD</b>	

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Hospitality & Tourism	Guest Service Gold – Tourism	209	American Hotel & Lodging Educational Institute (AHLEI)	<ul style="list-style-type: none"> <li>• Accommodations- Hotels, resorts, motels, hostels, vacation rentals, vacation ownership, bed &amp; breakfast properties, recreational vehicles and camping</li> <li>• Food &amp; Beverage- Restaurants, full-service, fine dining, quick service, banquet facilities, lounges</li> <li>• Transportation-Airlines, cruise lines, rail, car rentals, tour/coach operators, bus lines, taxis</li> <li>• Attractions-Theme parks, zoos, national/state/local parks, natural wonders, heritage sites</li> </ul>	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.	<b>ADD</b>	

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Hospitality & Tourism	Certified Hospitality & Tourism Management Professional (CHTMP) 1. HTMP: Certified Guest Service Professional (CGSP®)  2. HTMP: Certified Front Desk Representative  3. HTMP: Certified Restaurant Server		American Hotel & Lodging Educational Institute (AHLEI)	<ul style="list-style-type: none"> <li>• Accommodations- Hotels, resorts, motels, hostels, vacation rentals, vacation ownership, bed &amp; breakfast properties, recreational vehicles and camping</li> <li>• Food &amp; Beverage- Restaurants, full-service, fine dining, quick service, banquet facilities, lounges</li> <li>• Transportation-Airlines, cruise lines, rail, car rentals, tour/coach operators, bus lines, taxis</li> <li>• Attractions-Theme parks, zoos, national/state/local parks, natural wonders, heritage sites</li> </ul>	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.	<b>ADD</b>	
Human Services	South Carolina Cosmetology License	39	South Carolina Board of Cosmetology	Required by all licensed providers		<b>KEEP</b>	
Human Services	South Carolina Esthetician	A28	South Carolina Board of Cosmetology	Required by all licensed providers		<b>KEEP</b>	
Human Services	South Carolina Hair Braiding Registration	A27	South Carolina Board of Barber Examiners	Required by all licensed providers		<b>KEEP</b>	
Human Services	South Carolina Master Hair Care License	A42	South Carolina Board of Barber Examiners	Required by all licensed providers		<b>KEEP</b>	
Human Services	South Carolina Nail Technician License	55	South Carolina Board of Cosmetology	Required by all licensed providers		<b>KEEP</b>	
Human Services	South Carolina Registered Barber License	A26	South Carolina Board of Barber Examiners	Required by all licensed providers		<b>KEEP</b>	

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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.	<b>ADD</b>	

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Human Services	<u>Nutrition, Food, and Wellness</u>	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	<b>ADD</b>	
Information Technology	Autodesk User Certification for Maya	A54	Autodesk®	SPAWAR, Contract Construction, PLTW		<b>KEEP</b>	
Information Technology	Cisco Certified Entry Networking Technician	60	Cisco ®	Self Regional Healthcare		<b>KEEP</b>	
Information Technology	Cisco Certified Network Associate	14	Cisco ®	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear and Associates, Anderson Magazine, HPC COUNSULTING, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort		<b>KEEP</b>	



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Information Technology	CompTIA A+	01	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear and Associates, Anderson Magazine, HPC COUNSULTING, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort		<b>KEEP</b>	
Information Technology	CompTIA DHTI+	45	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University	Phased Out	<b>DELETE</b>	
Information Technology	CompTIA IT Fundamentals	A7	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear and Associates, Anderson Magazine, HPC COUNSULTING, Computer Connection, Paladin Cloudware, TriCounty Technical College		<b>KEEP</b>	
Information Technology	CompTIA Network+	32	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear and Associates, Anderson Magazine, HPC COUNSULTING, Computer Connection, Paladin Cloudware, TriCounty Technical College; Netopsis of Beaufort		<b>KEEP</b>	

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Information Technology	CompTIA Security+ Certification	A52	CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear and Associates, Anderson Magazine, HPC COUNSULTING, Computer Connection, Paladin Cloudware, TriCounty Technical College		<b>KEEP</b>	
Information Technology	<u>CompTIA Project+</u>		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.	<b>ADD</b>	CAPM, PMI, PMP related
Information Technology	<u>CASP: CompTIA Advanced Security Practitioner</u>		CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear 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.	<b>ADD</b>	Supported by the Cyber Security courses
Information Technology	<u>CompTIA CySA+: Cybersecurity Analyst</u>		CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear 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.	<b>ADD</b>	Supported by the Cyber Security courses

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Information Technology	<u>CompTIA Cloud Essentials</u>		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.	<b>ADD</b>	Supported by the 9-12 CS Standards course grid; will require ADD or modified course standards
Information Technology	<u>CompTIA PenTest+</u>		CompTIA: Information Technology (IT) Industry & Association	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear and Associates, Anderson Magazine, HPC Consulting, 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.	<b>ADD</b>	Supported by the 9-12 CS Standards course grid; will require new or modified course standards
Information Technology	Computer Service Technician Certificate - CST	A23	Accredited Information Technology Certifications - ETA International	SPAWAR, Heritage Trust Federal Credit Union, ECPI University		<b>KEEP</b>	
Information Technology	Database Design & Programming with SQL	A91	Oracle®	SC Technical College System		<b>KEEP</b>	
Information Technology	Database Foundations Certified Junior Associate	A89	Oracle®	SC Technical College System		<b>KEEP</b>	
Information Technology	IC 3 (Internet and Computer Core Certification)	19	IC 3 (Internet and Computer Core Certification)	SPAWAR, FUSE Marketing, HPC Consulting, Computer Connection, Paladin Cloudware		<b>KEEP</b>	
Information Technology	Java Foundations Certified Junior Associate	A88	Oracle®	SPAWAR, Berkeley County Government		<b>KEEP</b>	
Information Technology	Microsoft A+ (same as CompTIA A+)		Microsoft ®	Berkeley County Government		<b>KEEP</b>	
Information Technology	Microsoft Certified Solutions Associate (MCSA)	A56	Microsoft ®	Charleston County School District		<b>KEEP</b>	
Information Technology	Microsoft Technology Associate (MTA) Certification	84	Microsoft ®	Charleston County School District		<b>KEEP</b>	

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Information Technology	Network Computer Technician Certification – NCT	A21	National Center for Construction Education and Research (NCCER)	ECPI University		<b>KEEP</b>	
Information Technology	Network Systems Technician Certification – NST	A22	Accredited Information Technology Certifications - ETA International	SC Technical College System		<b>KEEP</b>	
Information Technology	<u>Information Technology Security (ITS)</u>		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.	<b>ADD</b>	Requires covering these details in the Cyber Security courses.
Information Technology	Oracle®	47	Oracle®	SC Technical College System		<b>KEEP</b>	
Information Technology	Oracle® Certified Associate, Java SE8 Programmer	A90	Oracle®	SC Technical College System		<b>KEEP</b>	
Information Technology	Programming with PL/SQL	A92	Oracle®	SC Technical College System		<b>KEEP</b>	
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		<b>KEEP</b>	

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				Shield, Bravo 1, Vector Security			
Information Technology	<u>Associate of Information Security Certification (ISC)<sup>2</sup></u>		(ISC) <sup>2</sup> ®	ADT Business Security, Vivint Smart Home Security System, CPI Security, FrontPoint, Life Shield, Bravo 1, Vector Security	The Associate of (ISC) <sup>2</sup> 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) <sup>2</sup> 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.	<b>ADD</b>	Requires covering these details in the Cyber Security courses.
Information Technology	<u>CISSP: Certified Information Systems Security Professional</u>		(ISC) <sup>2</sup> ®	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.	<b>ADD</b>	Requires covering these details in the Cyber Security courses.
Information Technology	<u>CCSLP: Certified Secure Software Lifecycle Professional</u>		(ISC) <sup>2</sup> ®	ADT Business Security, Vivint Smart Home Security System, CPI Security, FrontPoint, Life Shield, Bravo 1, Vector Security	The (ISC) <sup>2</sup> CSSLP is ideal for software developers responsible for applying secure coding practices to each phase of the software development lifecycle.	<b>ADD</b>	Requires covering these details in the Cyber Security courses.
Information Technology	<u>CHFI: Computer Hacking Forensic Investigator</u>		<u>EC Council</u>	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear and Associates, Anderson Magazine, HPC Consulting, 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.	<b>ADD</b>	Requires covering these details in the Cyber Security courses.

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Information Technology	<u>CEH: Certified Ethical Hacker</u>		<u>EC Council</u>	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear 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.	<b>ADD</b>	Requires covering these details in the Cyber Security courses.
Information Technology	<u>GCIH: GIAC Certified Incident Handler</u>		<u>GIAC</u>	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear 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.	<b>ADD</b>	Requires covering these details in the Cyber Security courses.
Information Technology	<u>GISP: GIAC Information Security Professional</u>		<u>GIAC</u>	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear 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	<b>ADD</b>	Requires covering these details in the Cyber Security courses.



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					mastery of the (ISC)2 Common Body of Knowledge.		
Information Technology	<u>GSEC: GIAC Security Essentials</u>		<u>GIAC</u>	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear and Associates, Anderson Magazine, HPC Consulting, 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.	<b>ADD</b>	Requires covering these details in the Cyber Security courses.
Information Technology	TestOut Network Pro Certification	A19	TestOut®	Netopsis of Beaufort, Kershaw School District		<b>KEEP</b>	
Information Technology	TestOut PC Pro Certification	A18	TestOut®	Netopsis of Beaufort		<b>KEEP</b>	
Information Technology	TestOut Security Pro Certification	A41	TestOut®	SC Technical College System		<b>KEEP</b>	
Information Technology	TestOut Windows Server Pro: Advance Services (Part 3)	A59	TestOut®	SC Technical College System		<b>KEEP</b>	
Information Technology	TestOut Windows Server Pro: Install and Configure (Part 1)	A57	TestOut®	SC Technical College System		<b>KEEP</b>	
Information Technology	TestOut Windows Server Pro: Manage and Administer (Part 2)	A58	TestOut®	SC Technical College System		<b>KEEP</b>	
Information Technology	<u>TestOut Server Pro 2016 Certification</u>		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.	<b>ADD</b>	
Information Technology	<u>TestOut Linux Pro Certification</u>		TestOut®	Midlands Technical College	The TestOut Linux Pro certification tests one's ability to use Linux operating system as an IT professional.	<b>ADD</b>	
Information Technology	<u>TestOut Client Pro Certification</u>		TestOut®	Midlands Technical College	The TestOut Linux Pro certification tests one's ability to use Linux operating system as an IT professional.	<b>ADD</b>	

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Information Technology	<u>TestOut Switching Pro Certification</u>		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.	<b>ADD</b>	
Information Technology	<u>TestOut Routing Pro Certification</u>		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.	<b>ADD</b>	
Information Technology	<u>CCSK: Certificate of Cloud Security Knowledge</u>		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.	<b>ADD</b>	
Information Technology	<u>CWNA: Certified Wireless Network Administrator</u>		CWNP	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear 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.	<b>ADD</b>	
Information Technology	<u>CWTS: Certified Wireless Technology Specialist</u>		CWNP	SPAWAR, Heritage Trust Federal Credit Union, ECPI University, FUSE Marketing, Chappellear 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.	<b>ADD</b>	



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Information Technology	<u>OCPJP: Oracle Certified Professional, Java SE8/SE 7 Programmer</u>		Oracle®	SPAWAR, Berkeley County Government	This exam covers all fundamental aspects of Java programming (focus on breadth of knowledge) from Oracle's perspective	<b>ADD</b>	
Information Technology	<u>Linux Essentials</u>		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.	<b>ADD</b>	Requires using Linux for the Operating Systems course
Information Technology	<u>LPIC-1 Certified Linux Administrator</u>		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.	<b>ADD</b>	Requires using Linux for the Operating Systems course
Information Technology	<u>CompTIA Linux+/LPIC-1</u>		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.	<b>ADD</b>	Requires using Linux for the Operating Systems course
Information Technology	<u>CIW Web Foundations Associate</u>		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.	<b>ADD</b>	

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Information Technology	<u>CIW Internet Business Associate</u>		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.	<b>ADD</b>	
Information Technology	<u>CIW Site Development Associate</u>		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.	<b>ADD</b>	

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Information Technology	<u>CIW Network Technology Associate</u>		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.	<b>ADD</b>	
Information Technology	<u>CIW Advanced HTML5 &amp; CSS3 Specialist</u>		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.	<b>ADD</b>	
Information Technology	<u>CIW User Interface Designer</u>		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.	<b>ADD</b>	

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Information Technology	<u>CIW Social Media Strategist</u>		CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	This exam validates the student's knowledge 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. The 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. They 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.	<b>ADD</b>	

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Information Technology	<u>CIW Data Analyst</u>		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' knowledge of the ways to capture and represent data, including creating dashboards, executive summaries, reports and charts, using both traditional and Web-based tools.	<b>ADD</b>	
Information Technology	<u>CIW Web Design Specialist</u>		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.	<b>ADD</b>	

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Information Technology	<u>CIW E-Commerce Specialist</u>		CIW (Certified Internet Web Professional)	Any institution with an online presence that utilizes webpages and networking.	<p>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:</p> <p>E-commerce site development, including ways to conduct business online and manage the technical issues associated with constructing an e-commerce Web site.</p> <p>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.</p> <p>E-commerce business, marketing and legal issues, including Web marketing strategies, online product promotion, and legal topics such as taxation and international shipping.</p>	<b>ADD</b>	

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Information Technology	<u>CIW JavaScript Specialist</u>		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.	<b>ADD</b>	
Information Technology	<u>CIW Database Design Specialist</u>		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.	<b>ADD</b>	
Information Technology	<u>CIW Web Security Specialist</u>		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.	<b>ADD</b>	

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Information Technology	<u>CIW Web Security Professional</u>		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.	<b>ADD</b>	
Information Technology	Wireless Network Technician Certification - WNT	A24	Accredited Information Technology Certifications - ETA International	SPAWAR		<b>KEEP</b>	
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		<b>KEEP</b>	
Law, Public Safety, Corrections & Security	SCFA Certificate NFPA 1001 Firefighter I	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		<b>KEEP</b>	



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Law, Public Safety, Corrections & Security	SCFA Certificate NFPA 1001 Firefighter II	162	South Carolina Fire Academy (SCFA)			<b>KEEP</b>	
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		<b>KEEP</b>	
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		<b>KEEP</b>	
Manufacturing	Electronics Technician	10	Electronics Technicians Association (ETA)			<b>KEEP</b>	
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		<b>KEEP</b>	
Manufacturing	NCCER – Welding Technology	31	National Center for Construction Education and Research (NCCER)	Landmark Construction, Contract Construction, Nucor		<b>KEEP</b>	
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		<b>KEEP</b>	

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Manufacturing	NIMS	New	National Institute for Metalworking Skills (NIMS) Industrial Technology Maintenance (ITM)(9)	Nucor, SEW Eurodrive	Each NIMS credential represents a collection of skills and knowledge, and a person that earns one has demonstrated competency in that occupational area. As that person earns more of these stackable credentials, they show that they are a valuable individual with an array of skills that have been verified against an industry-written standard.	<b>ADD</b>	
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 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.	<b>ADD</b>	

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Marketing	<u>Bing Ads Accredited Professional</u>	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.	<b>ADD</b>	
Marketing	<u>Facebook Certified Planning Professional</u>	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. Concentrators in the Marketing programs, Management Management, Marketing Communications, and Merchandising, Marketing Analytics, have the opportunity to acquire the necessary skills to become certified.	<b>ADD</b>	

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Marketing	<u>Google Advertising Fundamentals (Google AdWords)</u>	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. Concentrators in the Marketing programs, Management Management, Marketing Communications, and Merchandising, have the opportunity to acquire the necessary skills to become certified.	<b>ADD</b>	
Marketing	<u>Google Analytics</u>	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.	<b>ADD</b>	
Marketing	<u>Retail Industry Fundamentals</u>	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.	<b>ADD</b>	

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Marketing	<u>Career Safe OSHA 10-Hour General Industry Credential</u>	ADD/ADD	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.	<b>ADD</b>	
Science, Technology, Engineering & Mathematics	Autodesk Inventor Certified User Exam	A54	Autodesk®	SPAWAR, Contract Construction, Eaton, Darby Electric, Oneal Engineering, Advanced Automation		<b>KEEP</b>	
	CSWA- SolidWorks Associate Certification	A44	SolidWorks	SPAWAR		<b>KEEP</b>	
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: <ul style="list-style-type: none"> <li>•food science,</li> <li>•food safety,</li> <li>•food quality,</li> <li>•food technology, or</li> <li>•food preservation and packaging.</li> </ul>	<b>ADD</b>	

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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		<b>KEEP</b>	
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		<b>KEEP</b>	
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		<b>KEEP</b>	

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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		<b>KEEP</b>	
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		<b>KEEP</b>	
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		<b>KEEP</b>	

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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		<b>KEEP</b>	
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		<b>KEEP</b>	
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		<b>KEEP</b>	



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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		<b>KEEP</b>	
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		<b>KEEP</b>	
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		<b>KEEP</b>	

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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		<b>KEEP</b>	
Transportation, Distribution & Logistics	ASE Medium/Heavy Duty Diesel Engine	107	Automotive Service Excellence (ASE)	Rick Hendricks		<b>KEEP</b>	
Transportation, Distribution & Logistics	Commercial Driver's License Permit	108	Federal Motor Carrier Safety Administration (FMCSA)	Berkeley County School District		<b>KEEP</b>	
Transportation, Distribution & Logistics	I-CAR Prolevel 1	109	Inter-Industry Conference on Auto Collision Repair (I-CAR)	Greenville Technical College		<b>KEEP</b>	
Transportation, Distribution & Logistics	I-CAR Prolevel 2	110	Inter-Industry Conference on Auto Collision Repair (I-CAR)	Greenville Technical College		<b>KEEP</b>	
Transportation, Distribution & Logistics	I-CAR Prolevel 3	111	Inter-Industry Conference on Auto Collision Repair (I-CAR)	Greenville Technical College		<b>KEEP</b>	
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		<b>KEEP</b>	
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		<b>KEEP</b>	

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				Ford, Toyota of Easley, Penske			
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		<b>KEEP</b>	
Transportation, Distribution & Logistics	Outboard Marine Certification	New	Yamaha Motor University		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.	<b>ADD</b>	
Architecture & Construction	Certified LabVIEW Associate Developer (CLAD)	224	National Instruments	PLTW, SREB Clean Energy, SCE&G, Santee Cooper		<b>KEEP</b>	

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Architecture & Construction	NOCTI: HBI-Home Builders Institute Student Certification	240	National Association of Home Builders (NAHB) Residential Construction-National Occupational Competency Testing Institute (NOCTI)	Horry Georgetown Home Builders Association		<b>KEEP</b>	
Arts, A/V Technology & Communications	Apple® Final Cut Pro X Professional Post-Production	220	Apple®	Lander University		<b>KEEP</b>	
Arts, A/V Technology & Communications	Apple® Logic Pro Professional Music Production	221	Apple®	Lander University		<b>KEEP</b>	
Arts, A/V Technology & Communications	Apple® Certified iOS Technician (ACiT)	218	Apple®	Lander University		<b>KEEP</b>	
Arts, A/V Technology & Communications	Apple® Certified Mac Technician (ACMT)	219	Apple®	Lander University		<b>KEEP</b>	
Law, Public Safety, Corrections & Security	Haz. Mat. 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		<b>KEEP</b>	
Law, Public Safety, Corrections & Security	Haz. Mat. Operations (Firefighter)	232	SC Fire Academy	Goose Creek Rural Fire Department, Sumter Fire Department, South Carolina Fire Academy; Bluffton Township Fire Department		<b>KEEP</b>	
Law, Public Safety, Corrections & Security	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		<b>KEEP</b>	
Law, Public Safety, Corrections & Security	Hybrid Firefighter I Class Code 1402	233	SC State Certification	Goose Creek Rural Fire Department		<b>KEEP</b>	
Law, Public Safety, Corrections & Security	Hybrid Firefighter II Class Code 1403	234	SC State Certification	Goose Creek Rural Fire Department		<b>KEEP</b>	

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Law, Public Safety, Corrections & Security	SCFA Certificate NFPA 1001 Firefighter I – 1196 (CTC Firefighter I Class Code 1196)	161	International Certification/IFSAC & ProBoard	Goose Creek Rural Fire Department		<b>KEEP</b>	
Law, Public Safety, Corrections & Security	SCFA Certificate NFPA 1001 Firefighter II – 1197 (CTC Firefighter II Class Code 1197 )	162	International Certification/IFSAC & ProBoard	Goose Creek Rural Fire Department		<b>KEEP</b>	
Manufacturing	MSSC: CPT Safety	239	Manufacturing Skill Standards Council (MSSC)	Continental Tire, Volvo		<b>KEEP</b>	
Manufacturing	MSSC: CPT Quality Practices	238	Manufacturing Skill Standards Council (MSSC)	Continental Tire, Volvo		<b>KEEP</b>	
Manufacturing	MSSC: CPT Manufacturing Processes and Production	237	Manufacturing Skill Standards Council (MSSC)	Continental Tire, Volvo		<b>KEEP</b>	
Manufacturing	MSSC: CPT Maintenance Awareness	236	Manufacturing Skill Standards Council (MSSC)	Continental Tire, Volvo		<b>KEEP</b>	
Manufacturing	LEAN (Six Sigma) Manufacturing Certification	235	Council for Six Sigma/SME/AME	Continental Tire, Volvo		<b>KEEP</b>	
Transportation, Distribution & Logistics	Briggs and Stratton	216	Briggs and Stratton	USDA, Clemson, Piedmont Tech, Briggs & Stratton, Log Creek Timber, Pageland Farm Equipment, EnviroAg,		<b>KEEP</b>	
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		<b>KEEP</b>	
Transportation, Distribution & Logistics	Snap-on/NC3: ShopKey Pro Service & Repair Information Level 1	242	Snap-on/NC3 - National Coalition of Certification Centers (NC3)	Rick Hendricks, Dave Edwards Toyota, RPM, UTI, Greenville Technical College, Bradshaw		<b>KEEP</b>	

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				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			
Transportation, Distribution & Logistics	Snap-on/NC3: ShopKey Pro & SureTrack Advanced Level 2	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		<b>KEEP</b>	
Transportation, Distribution & Logistics	Snap-on/NC3: Verus Edge Navigation & Scanner Operation	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		<b>KEEP</b>	

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				of Hilton Head, Ballentine Toyota			
Transportation, Distribution & Logistics	Snap-on/NC3: Verus Edge Lab Scope Operation & Data Management	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		<b>KEEP</b>	
Transportation, Distribution & Logistics	EPA Section 609 Certification -Required by law for reclaiming/recycling refrigerant (Clean Air Act) -Auto Tech	229	EPA			<b>KEEP</b>	
Transportation, Distribution & Logistics	Yamaha: Marine Mechanic Certification (Marine Tech - New Program at ACE)	252	Yamaha	Butler Marine, Webster Marine, Sea Island Marine		<b>KEEP</b>	
Transportation, Distribution & Logistics	ABYC: Marine Mechanic Certification (Marine Tech - New Program at ACE)	217	ABYC	Butler Marine, Webster Marine, Sea Island Marine		<b>KEEP</b>	
Arts, A/V Technology & Communications	Certified Technology Specialist (CTS)	227	ANSI Accreditation	Fox Music, Koger Center, Alabama Theater, Harbison Theater, Colonial Center		<b>KEEP</b>	
Arts, A/V Technology & Communications	Certified Technology Specialist - Design (CTS-D)	225	ANSI Accreditation	Fox Music		<b>KEEP</b>	
Arts, A/V Technology & Communications	Certified Technology Specialist - Installation (CTS-I)	226	ANSI Accreditation	Fox Music		<b>KEEP</b>	
Science, Technology, Engineering & Mathematics	CATIA V5 Part Design Certificate	223	CATIA	Boeing, Lockheed Martin, Electrolux, TriMech		<b>KEEP</b>	

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Business	QuickBooks Certified User (Intuit Quickbooks)	158	Quickbooks	Accounting, Williford Roofing and Construction, Moore and Moore CPA, Profound Real Estate,		<b>KEEP</b>	
Transportation, Distribution & Logistics	Forklift Operator	230		Belk Distribution Center, Pepsi Bottling, Reddy Ice, DHL Supply Chain, General Electric		<b>KEEP</b>	
Agriculture	EETC Principles of Small Engine Technology Certification	228	iCEV			<b>KEEP</b>	