

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Engineering

PHRST Code	51701
Career Cluster	Advanced Manufacturing
New STS Title	Skilled and Technical Sciences (STS) Engineering
Experience	Candidate may have experience applying mathematical and scientific principles to solve a wide variety of practical problems in industry, social organization, public works, and commerce. This candidate should have experience with both undifferentiated and individualized programs in engineering. For more information, please see the Bureau of Labor Statistics: Architecture and Engineering, Robotics and Engineering Occupations.
Prerequisites	Option 1: Bachelor's degree in Electrical, Manufacturing, Material, Mechanical, or Industrial, Engineering from an ABET accredited educational institution; AND/OR DOE-approved equivalent. Option 2: 1. Verified completion of at least 576 hours of specific formal training above the high school level, OR 2. A DE DOE approved Journeyman Certificate
Requirements	Before teaching PLTW courses, teachers must attend PLTW licensed training.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Industrial Machinery

PHRST Code	51701
Career Cluster	Advanced Manufacturing
New STS Title	Skilled and Technical Sciences (STS) Industrial Machinery
Experience	Candidate may have experience as a Industrial Machinery Mechanics and Maintenance Workers and Millwright in Industrial machinery mechanics and maintenance to repair factory equipment and other industrial machinery, such as conveying systems, production machinery, and packaging equipment. For more information, please see the Bureau of Labor Statistics: Industrial Machinery Mechanics and Maintenance Workers and Millwrights.
Prerequisites	Option 1: Verified completion of at least 576 hours of specific Industrial Mechanics/Maintenance and/or Millwright formal training above the high school level, Option 2: A DE DOE approved Millwright Journeyman Certificate, Option 3: A DE DOE approved Industrial Mechanics or Industrial Maintenance Journeyman Certificate
Requirements	NCCER Craft/Technician Instructor Certification
Credits	No proposal at this time.

Team Feedback / Recommended Changes

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Skilled and Technical Sciences (STS) Production & Automation

PHRST Code	51701
Career Cluster	Advanced Manufacturing
New STS Title	Skilled and Technical Sciences (STS) Production & Automation
Experience	Candidate may have experience across manufacturing, engineering, logistics, and applied sciences, including analyzing and coordinating supply chains from supplier to consumer throughout the product life cycle; applying engineering and technical principles to the design, development, testing, inspection, and maintenance of mechanical, electronic, and manufacturing systems; managing or supporting production operations, prototyping, operational testing, inventory, transportation, warehousing, and report preparation; and conducting scientific study and analysis of materials and chemical processes through theoretical and laboratory-based methods. Relevant occupational frameworks include Logisticians, Mechanical Engineers, Industrial Production Managers, and Chemists as defined by the Bureau of Labor Statistics.
Prerequisites	Verified completion of at least 576 hours of specific formal training above the high school level
Requirements	Option 1: Manufacturing Skill Standards Council (MSSC) Certified Logistics Technician (CLT) certification. Option 2: Manufacturing Skill Standards Council (MSSC) Certified Production Technician (CPT) certification
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Robotics

PHRST Code	51701
Career Cluster	Advanced Manufacturing
New STS Title	Skilled and Technical Sciences (STS) Robotics
Experience	Candidate may have experience applying mathematical and scientific principles to solve a wide variety of practical problems in industry, social organization, public works, and commerce. This candidate should have experience with both undifferentiated and individualized programs in engineering. For more information, please see the Bureau of Labor Statistics: Robotics and Engineering Occupations.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Safety & Quality Assurance

PHRST Code	51701
Career Cluster	Advanced Manufacturing
New STS Title	Skilled and Technical Sciences (STS) Safety & Quality Assurance
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in manufacturing quality assurance/quality control, inspection, process improvement, occupational safety, industrial production, or regulatory compliance in a manufacturing environment.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Agribusiness

PHRST Code	51702
Career Cluster	Agriculture
New STS Title	Skilled and Technical Sciences (STS) Agribusiness
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in agricultural business operations, farm/ranch management, agricultural sales, purchasing, finance, marketing, supply-chain operations, or management of an agriculture-related enterprise.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Agricultural Technology & Automation

PHRST Code	51702
Career Cluster	Agriculture
New STS Title	Skilled and Technical Sciences (STS) Agricultural Technology & Automation
Experience	Candidate may have experience in applying knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing of agricultural products; driving and controlling farm equipment to till soil and to plant, cultivate, and harvest crops. For more information, please see the Bureau of Labor Statistics: Agricultural Engineering and Agricultural Mechanics and Machinery Operation.
Prerequisites	Option 1: Agricultural, Environmental, or Structural Engineering background or degree Option 2: Related Skilled or Technical Trades journeyman or higher Option 3: Welding certification Option 4: Mechanical certification or degree
Requirements	NCCER Instructor Certification Training (24 hours)
Credits	No proposal at this time.

Team Feedback / Recommended Changes

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Skilled and Technical Sciences (STS) Animal Systems

PHRST Code	51702
Career Cluster	Agriculture
New STS Title	Skilled and Technical Sciences (STS) Animal Systems
Experience	Candidate may have experience in conducting research in the genetics, nutrition, reproduction, growth, and development of domestic farm animals; inspection of agricultural commodities, processing equipment, and facilities, and fish and logging operations to ensure compliance with regulations and laws governing health, quality, and safety; purchasing farm products either for further processing or resale; grading, sorting, or classifying unprocessed food and other agricultural products by size, weight, color, or condition; selecting and breeding animals according to their genealogy, characteristics, and offspring. For more information, please see the Bureau of Labor Statistics: Agricultural/Food Science, Miscellaneous Farm, Forestry and Conservation Workers, and Animal Husbandry.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	AVMA CVTEA – Veterinary Technician National Exam (3 credit hours); American Association for Laboratory Animal Science (AALAS) Technician Certification (3 credit hours); Delaware Nutrient Management Certification (6 credit hours)

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Skilled and Technical Sciences (STS) Food Science & Processing

PHRST Code	51702
Career Cluster	Agriculture
New STS Title	Skilled and Technical Sciences (STS) Food Science & Processing
Experience	Candidate may have experience in conducting tests and experiments to improve yield and quality of crops or to increase the resistance of plants and animals to disease or insects; using chemistry, microbiology, engineering, and other sciences to study the principles underlying the processing and deterioration of foods; analyzing food content to determine levels of vitamins, fat, sugar, and protein; discovering new food sources; research ways to make processed foods safe, palatable, and healthful; or applying food science knowledge to determine best ways to process, package, preserve, store, and distribute food.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

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Skilled and Technical Sciences (STS) Plant Systems

PHRST Code	51702
Career Cluster	Agriculture
New STS Title	Skilled and Technical Sciences (STS) Plant Systems
Experience	Candidate may have experience in agricultural and laboratory sciences, including conducting research in breeding, physiology, production, yield, and management of crops and agricultural plants such as trees, shrubs, and nursery stock; analyzing plant growth in soils and methods of pest control; studying the chemical, physical, biological, and mineralogical composition of soils as it relates to crop and plant growth; inspecting agricultural commodities, processing equipment, facilities, and fish and logging operations to ensure compliance with health, quality, and safety regulations; purchasing farm products for further processing or resale; and grading, sorting, or classifying unprocessed food and other agricultural products by size, weight, color, or condition. Candidates may also have experience setting up, operating, and maintaining laboratory instruments and equipment; monitoring experiments; making observations; calculating and recording results; and analyzing organic substances such as blood, food, and drugs.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	Delaware Nutrient Management Certification (6 credit hours); Certified Nursery Professional Exam (3 credit hours)

Team Feedback / Recommended Changes

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Skilled and Technical Sciences (STS) Water Systems

PHRST Code	51702
Career Cluster	Agriculture
New STS Title	Skilled and Technical Sciences (STS) Water Systems
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in drinking-water treatment, wastewater treatment, water distribution/collection, utility operations, environmental systems, industrial water systems, or maintenance/repair of pumps, controls, treatment equipment, and related infrastructure.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Current state water or wastewater operator license/certification appropriate to the instructional area. Option 2: Postsecondary certificate, associate degree, or higher in water/wastewater technology, environmental science/technology, environmental engineering technology, utilities technology, or a closely related field. Option 3: Documented technical training plus substantial occupational experience in water/wastewater operations, utility systems, or related mechanical/electrical systems.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Consider requiring applicable Delaware operator credentialing when the POS specifically prepares students for regulated water/wastewater operations, plus appropriate safety training for the instructional setting.
Credits	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Consider career-related credit equivalents for recognized state operator licenses/certifications or related postsecondary technical preparation; exact equivalency should be established through Delaware review.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Design & Digital Arts

PHRST Code	51703
Career Cluster	Arts, Entertainment, and Design
New STS Title	Skilled and Technical Sciences (STS) Design & Digital Arts
Experience	Candidate may have experience in graphic communications, multimedia production, web development, and printing technologies, including the creation of visual images and special effects using film, video, computers, and other electronic tools for use in movies, music videos, commercials, and layout and production design for advertisements, brochures, magazines, corporate reports, and product packaging. Experience may also include graphic design, typography, page layout, desktop publishing, digital imaging, print preparation, and operation of printing equipment across prepress, press, and postpress processes such as offset lithography, flexography, gravure, letterpress, screen printing, foil stamping, and digital imaging. Candidates may additionally have experience applying HTML, XML, JavaScript, graphics applications, and other authoring tools to design, edit, and publish web-based documents and multimedia products, with an understanding of Internet theory, web standards, user interface design, vector tools, interactive and multimedia components, navigation, search engines, e-commerce tools, and emerging web technologies. Relevant occupational frameworks include Web Developers, Multimedia Artists, Graphic Designers, and Printing Workers as defined by the Bureau of Labor Statistics.
Prerequisites	Verified successful completion of at least 576 hours of specific Graphic & Printing Equipment Operator formal training above the high school level.
Requirements	PrintED Approved Instructor Certification from GAERF PrintEd.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Fashion & Interiors

PHRST Code	51703
Career Cluster	Arts, Entertainment, and Design
New STS Title	Skilled and Technical Sciences (STS) Fashion & Interiors
Experience	Candidate may have experience in the principles and techniques to design and construct commercial fashions, apparel, and accessories, and the management of fashion development projects. For more information, please see the Bureau of Labor Statistics: Fashion Designers
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Fine Arts

PHRST Code	51703
Career Cluster	Arts, Entertainment, and Design
New STS Title	Skilled and Technical Sciences (STS) Fine Arts
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Professional practice in visual arts, studio arts, illustration, photography, sculpture, ceramics, painting, printmaking, or another fine-arts discipline, demonstrated through employment, commissions, exhibitions, or a professional portfolio.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

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Skilled and Technical Sciences (STS) Lighting & Sound Technology

PHRST Code	51703
Career Cluster	Arts, Entertainment, and Design
New STS Title	Skilled and Technical Sciences (STS) Lighting & Sound Technology
Experience	Candidate may have experience in communications and telecommunications technology, including the assembly, installation, operation, maintenance, troubleshooting, and repair of one- and two-way communications equipment and systems such as television cable systems and mobile or stationary communication devices. Experience may also include the setup, operation, and troubleshooting of audio and video equipment, including microphones, speakers, video screens, projectors, monitors, recording equipment, sound and mixing boards, and related electronic systems used for concerts, sporting events, meetings, conventions, presentations, and news conferences. Candidates may be trained in diagnostic techniques; the use of testing equipment; and the application of mechanical, electrical, and electronic principles as they relate to communications systems. Relevant occupational frameworks include Broadcast and Sound Engineering Technicians and Telecommunications Equipment Installers and Repairers (except Line Installers) as defined by the Bureau of Labor Statistics.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

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Skilled and Technical Sciences (STS) Media Production & Broadcasting

PHRST Code	51703
Career Cluster	Arts, Entertainment, and Design
New STS Title	Skilled and Technical Sciences (STS) Media Production & Broadcasting
Experience	Candidate may have experience in broadcast media production and journalism, including the production of radio and television programs and related operations such as sound, lighting, camera operation and maintenance, power and feed control, studio operations, production preparation, and broadcast engineering, as well as gathering, analyzing, and reporting facts about newsworthy events through interview, investigation, and observation for newspapers, news magazines, radio, and television. Relevant occupational frameworks include Broadcast and Sound Engineering Technicians and Reporters, Correspondents, and Broadcast News Analysts as defined by the Bureau of Labor Statistics.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Performing Arts

PHRST Code	51703
Career Cluster	Arts, Entertainment, and Design
New STS Title	Skilled and Technical Sciences (STS) Performing Arts
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Professional experience in music, theatre, dance, live performance, directing, choreography, performance production, or another performing-arts discipline, including professional, commercial, community, or touring settings.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Architecture & Civil Engineering

PHRST Code	51704
Career Cluster	Construction
New STS Title	Skilled and Technical Sciences (STS) Architecture & Civil Engineering
Experience	Candidate may have experience in drafting, design, engineering, and geospatial technologies, including producing architectural and mechanical drawings in both paper and electronic formats using established drafting conventions and dimensioning practices; demonstrating proficiency with relevant computer hardware and software systems; and working with data structures, data capture methods, and the characteristics of spatial data. Experience may also include cartography, civil engineering, surveying, or geographic information systems (GIS), utilizing land surveys and remote-sensing technologies such as aerial imagery, satellites, and light detection and ranging (LiDAR) to develop online and mobile maps and conduct aerial surveys for urban and regional planning, environmental studies, geology, engineering, land-use planning, business marketing, security, and public safety applications, including emergency response. Candidates may also hold certification as a Certified GIS Professional (GISP). Relevant occupational frameworks include Drafters, Cartographers, Civil Engineers, Geographers, Photogrammetrists, and Surveying and Mapping Technicians as defined by the Bureau of Labor Statistics.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Construction Planning & Development

PHRST Code	51704
Career Cluster	Construction
New STS Title	Skilled and Technical Sciences (STS) Construction Planning & Development
Experience	Candidate may have experience as rough and/or finish carpenter in the construction of residential and commercial structures. Experience in construction of roof trusses is important. Use caution with candidates who only have experience in remodeling. For more information, please see the Bureau of Labor Statistics: Carpenter.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Equipment Operation & Maintenance

PHRST Code	51704
Career Cluster	Construction
New STS Title	Skilled and Technical Sciences (STS) Equipment Operation & Maintenance
Experience	Candidate may have experience in construction management and building systems technologies, including applying knowledge of construction management and heavy equipment operation, as well as working as a building automation technician responsible for the installation, service, repair, and maintenance of computer-controlled systems for lighting, water temperature, heating, and air-conditioning. Experience may include work in large commercial, industrial, and manufacturing settings; providing cost estimates; designing and wiring systems; checking and configuring software parameters; and training personnel in the operation and use of automated building systems. Relevant occupational frameworks include Heating, Air Conditioning, and Refrigeration Mechanics and Installers as defined by the Bureau of Labor Statistics.
Prerequisites	Option 1: NCCER instructor Certification Training (24 Hours) Option 2: 1. Three years minimum full-time building automation installation and/or service work experience; AND 2. Verified completion of at least 576 hours of specific formal training above the high school level in that particular trade; OR 3. A DE DOE approved Journeyman Certificate.
Requirements	NCCER Craft/Technician Instructor Certification
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Skilled Trades

PHRST Code	51704
Career Cluster	Construction
New STS Title	Skilled and Technical Sciences (STS) Skilled Trades
Experience	Candidate may have experience across skilled construction and building trades, including work as a rough and/or finish carpenter in the construction of residential and commercial structures, with experience in roof truss construction; as a residential, commercial, or industrial electrician assembling, installing, testing, and repairing electrical systems in accordance with current National Electrical Code (NEC) requirements and architectural schematics; and as a heating, air conditioning, and refrigeration technician installing, servicing, and repairing central HVAC systems in residential, commercial, and industrial settings. Experience may also include work as a brick, stone, or cement mason constructing block, brick, glass block, stone, or concrete structures; as a plumber installing and repairing water systems and related fixtures using plastic, copper, and galvanized pipe in compliance with the Uniform Plumbing Code (UPC); performing sheet metal fabrication and architectural metal installation using stainless steel, aluminum, copper, and zinc, including waterproofing applications; and welding, cutting, and brazing a variety of metals using oxyacetylene, shielded metal arc, metal inert gas, and tungsten inert gas methods in multiple positions. Relevant occupational frameworks include Carpenters, Electricians, Heating, Air Conditioning, and Refrigeration Mechanics and Installers, Cement Masons and Terrazzo Workers, Plumbers, Pipefitters, and Steamfitters, and Welders, Cutters, Solderers, and Brazers as defined by the Bureau of Labor Statistics.
Prerequisites	Option 1: 1. Verified completion of at least 576 hours of specific Carpentry formal training above the high school level, OR 2. A DE DOE approved Journeyman Certificate Option 2: Verified completion of at least 576 hours of specific formal training above the high school level.
Requirements	Option 1: NCCER Craft/Technician Instructor Certification Option 2: 30-hour OSHA Health and Safety Certification; Sheet metal welding certification (D9.1); NCCER Craft/Technician Instructor Certification Option 3: AWS Welding Educator Certification
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Data Science & AI

PHRST Code	51705
Career Cluster	Digital Technology
New STS Title	Skilled and Technical Sciences (STS) Data Science & AI
Experience	Candidate may have experience with computer theory, computing problems and solutions, and the design of computer systems and user interfaces from a scientific perspective. A candidate in this arena understands the principles of computational science, computer development and programming, and can adapt applications to use in a variety of situations. For more information, please see the Bureau of Labor Statistics: computer and information research scientists.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) IT Support & Services

PHRST Code	51705
Career Cluster	Digital Technology
New STS Title	Skilled and Technical Sciences (STS) IT Support & Services
Experience	Candidate may have experience in information technology and computer systems, including providing technical assistance, support, and customer-focused troubleshooting for computer users; diagnosing and resolving software and hardware issues; and applying strong knowledge of computer concepts, operating systems, networking, information systems, computer hardware, internet technologies, software applications, help desk practices, and problem-solving strategies. Experience may also include managing computer operations and system configurations at a site or network hub; administering local area (LAN) and wide area (WAN) networks; implementing information systems security; monitoring disk space and network traffic; performing data backup and resource allocation; and overseeing system setup and takedown procedures. Candidates may further have experience with computer theory, computational science, and the design of computer systems and user interfaces, including computer development and programming and adapting applications for use across varied contexts. Relevant occupational frameworks include Computer Support Specialists, Network and Computer Systems Administrators, and Computer and Information Research Scientists as defined by the Bureau of Labor Statistics.
Prerequisites	A qualified candidate will have one or more of the following Information Technology certifications or their equivalent: Electronics and CompTIA Network+ Certification, CISCO CCNA Certification, MCSE Certification, CompTIA Server+ Certification, CISCO CCNP Certification, or Microsoft MCSM Certification.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Network Systems & Cybersecurity

PHRST Code	51705
Career Cluster	Digital Technology
New STS Title	Skilled and Technical Sciences (STS) Network Systems & Cybersecurity
Experience	Candidate may have experience as a manager of computer operations and controller of system configurations emanating from a specific site or network hub. A candidate in this field understands computer hardware and software and applications; local area (LAN) and wide area (WAN) networking; principles of information systems security; disk space and traffic load monitoring; data backup; resource allocation; and setup and takedown procedures. For more information, please see the Bureau of Labor Statistics: Network and computer system administrators.
Prerequisites	A qualified candidate will have one or more of the following Information Technology certifications or their equivalent: Electronics and CompTIA Network+ Certification, CISCO CCNA Certification, MCSE Certification, CompTIA Server+ Certification, CISCO CCNP Certification, or Microsoft MCSM Certification.
Requirements	Candidates must have credentials aligned with the state program of study to include CCNA or CCNP certification.
Credits	Current CompTIA Network+ Certification, CompTIA Security+ Certification, CISCO CCNA Certification, or Microsoft MCSE Certification = two (2) career-related credits each. Current CompTIA Server+ Certification and CISCO CCNP Certification = three (3) career-related credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Software Solutions

PHRST Code	51705
Career Cluster	Digital Technology
New STS Title	Skilled and Technical Sciences (STS) Software Solutions
Experience	Candidate may have experience with computer theory, computing problems and solutions, and the design of computer systems and user interfaces from a scientific perspective. A candidate in this arena understands the principles of computational science, computer development and programming, and can adapt applications to use in a variety of situations. For more information, please see the Bureau of Labor Statistics: computer and information research scientists.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Unmanned Vehicle Technology

PHRST Code	51705
Career Cluster	Digital Technology
New STS Title	Skilled and Technical Sciences (STS) Unmanned Vehicle Technology
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience with unmanned aircraft systems (UAS), robotics, autonomous systems, aviation operations, electronics, geospatial/GIS applications, remote sensing, or related technical operations.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Postsecondary certificate, associate degree, or higher in UAS, aviation technology, robotics, electronics, geospatial technology, engineering technology, or a closely related field. Option 2: Documented industry or military experience operating, maintaining, programming, or supporting unmanned/autonomous systems.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: When instruction includes civil small-UAS flight operations, consider requiring the applicable FAA remote-pilot credential and compliance with current FAA operating requirements. Add manufacturer/platform credentials only when integral to the POS.
Credits	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Consider career-related credit equivalents for FAA or other validated UAS/aviation credentials and related postsecondary technical training, subject to Delaware review.

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Skilled and Technical Sciences (STS) Web & Cloud

PHRST Code	51705
Career Cluster	Digital Technology
New STS Title	Skilled and Technical Sciences (STS) Web & Cloud
Experience	Candidate may have experience in the creation of special effects, visual images using film, video, computers, or other electronic tools and media for use in creations, such as movies, music videos, commercials, layout and production design for advertisements, brochures, magazines, corporate reports, and product packaging or experience with the application of HTML, XML, Javascript, graphics applications, and other authoring tools to the design, editing, and publishing (launching) of documents, images, graphics, sound, and multimedia products on the World Wide Web. Candidate should also have a detailed understanding of Internet theory, web page standards and policies, elements of web page design, user interfaces, vector tools, special effects, interactive and multimedia components, search engines, navigation, morphing, e-commerce tools, and emerging web technologies. For more information, please see the Bureau of Labor Statistics: Web developers; and/or Multimedia Artists.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

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Skilled and Technical Sciences (STS) Early Childhood Development

PHRST Code	51706
Career Cluster	Education
New STS Title	Skilled and Technical Sciences (STS) Early Childhood Development
Experience	Candidate may have experience as an early childhood curriculum director or administrator, demonstrating effective interaction with children and families, strong organizational and leadership skills, patience, and physical stamina. Candidates may be driven by a core purpose focused on preparing future educators to succeed in diverse classrooms, serve their communities, and thrive throughout life. Centering equity, this educator maintains high expectations for all learners and promotes problem-based learning through culturally responsive and social-justice-informed practices. Experience may also include building a trusting learning environment that fosters positive relationships with students, families, and colleagues, and modeling collaboration, self-reflection, a growth mindset, and practices that honor student voice and identity. Relevant occupational frameworks include Preschool and Childcare as defined by the Bureau of Labor Statistics.
Prerequisites	Early Childhood Curriculum Coordinator License or Administrator License from the Delaware Services for Children, Youth, and Their Families (DSCYF) Office of Child Care Licensing
Requirements	No proposal at this time.
Credits	Current Childhood Curriculum Coordinator License or Childhood Administrator License from the Department of Services for Children, Youth and their Families (DSCYF) Office of Child Care Licensing = three (3) career-related credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Education Administration & Leadership

PHRST Code	51706
Career Cluster	Education
New STS Title	Skilled and Technical Sciences (STS) Education Administration & Leadership
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in education leadership, program administration, school or district operations, instructional leadership, workforce/training administration, organizational supervision, or management of education/youth programs.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Bachelor’s degree or higher in education, educational leadership, organizational leadership, public administration, business administration, or a closely related field plus relevant leadership experience. Option 2: Valid educator license/certificate plus documented leadership, supervisory, or program-administration experience.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Consider a current education/administrative credential only when the POS specifically teaches regulated school-administration functions; otherwise require documented leadership/program-management competency aligned to the curriculum.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Learner Support & Community Engagement

PHRST Code	51706
Career Cluster	Education
New STS Title	Skilled and Technical Sciences (STS) Learner Support & Community Engagement
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in student support, advising, youth development, family/community engagement, mentoring, social services, community outreach, career advising, or related education-support roles.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

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Skilled and Technical Sciences (STS) Teaching, Training, & Facilitation

PHRST Code	51706
Career Cluster	Education
New STS Title	Skilled and Technical Sciences (STS) Teaching, Training, & Facilitation
Experience	Candidate may have experience as an early childhood curriculum director or administrator and be able to interaction with children and parents. Good organizational skills and strong leadership skills along with patience and physical stamina are required. Candidate is driven by a core purpose that prepares future educators to be successful for the diverse classrooms where they will teach, for the communities they will serve, and for life. Centering equity, this educator will maintain high expectations for all learners and inspire problem-based learning through culturally responsive and social justice lenses. They will build a trusting classroom climate that promotes positive relationships with students, parents and colleagues. Collaboration, self-reflection and a growth-mindset will aid this teacher leader as they model how to celebrate and honor student voice and identity. For more information, please see the Bureau of Labor Statistics: Preschool and Childcare.
Prerequisites	A valid teaching license
Requirements	No proposal at this time.
Credits	Current Childhood Curriculum Coordinator License or Childhood Administrator License from the Department of Services for Children, Youth and their Families (DSCYF) Office of Child Care Licensing = three (3) career-related credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Clean & Alternative Energy

PHRST Code	51707
Career Cluster	Energy & Natural Resources
New STS Title	Skilled and Technical Sciences (STS) Clean & Alternative Energy
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in solar, wind, energy efficiency, electrical systems, building energy systems, renewable-energy installation/maintenance, power generation, or related engineering/technical work.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Completed apprenticeship/journeyperson preparation or formal technical training in electrical, HVAC, mechanical, energy, or related trade work. Option 2: Associate degree or higher in renewable energy, energy technology, electrical/mechanical engineering technology, or a closely related field. Option 3: Substantial documented industry experience in renewable-energy installation, operations, or maintenance.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Consider requiring occupation-specific licensure or safety credentials when the POS includes regulated electrical/HVAC work; include renewable-energy manufacturer/industry credentials only when aligned to the approved curriculum.
Credits	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Consider career-related credit equivalents for validated journeyperson, electrical/HVAC, renewable-energy, or postsecondary technical credentials; Delaware should establish the exact equivalency.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Conservation & Land Management

PHRST Code	51707
Career Cluster	Energy & Natural Resources
New STS Title	Skilled and Technical Sciences (STS) Conservation & Land Management
Experience	Candidate may have experience in maintaining, or protecting areas such as forests, forested areas, woodlands, wetlands, and rangelands through such activities as raising and transporting seedlings; combating insects, pests, and diseases harmful to plant life; building structures to control water, erosion, and leaching of soil; or planning, directing, or coordinating activities in such fields as life sciences, physical sciences, mathematics, statistics, and research and development in these fields. Candidates may also have experience in collecting and analyzing biological data to determine the environmental effects of present and potential use of land and water habitats; investigating the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi; or applying theory and principles of environmental engineering to modify, test, and operate equipment and devices used in the prevention, control, and remediation of env. problems.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	Delaware Nutrient Management Certification (6 credit hours); Certified Nursery Professional Exam (3 credit hours)

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Ecological Research & Development

PHRST Code	51707
Career Cluster	Energy & Natural Resources
New STS Title	Skilled and Technical Sciences (STS) Ecological Research & Development
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in ecological/environmental field research, laboratory research, environmental monitoring, data collection/analysis, conservation science, natural-resource research, or environmental technology.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Associate degree or higher in environmental science, ecology, biology, natural resources, environmental technology, or a closely related field. Option 2: Documented technician-level field/laboratory experience plus relevant postsecondary science coursework or formal technical training.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Consider requiring current field/laboratory safety training and any specialized credential required by the POS (for example, sampling, pesticide, GIS, or equipment credentials) rather than one universal license.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Environmental Protection

PHRST Code	51707
Career Cluster	Energy & Natural Resources
New STS Title	Skilled and Technical Sciences (STS) Environmental Protection
Experience	Candidate may have experience in maintaining, or protecting areas such as forests, forested areas, woodlands, wetlands, and rangelands through such activities as raising and transporting seedlings; combating insects, pests, and diseases harmful to plant life; building structures to control water, erosion, and leaching of soil; or planning, directing, or coordinating activities in such fields as life sciences, physical sciences, mathematics, statistics, and research and development in these fields. Candidates may also have experience in collecting and analyzing biological data to determine the environmental effects of present and potential use of land and water habitats; investigating the growth, structure, development, and other characteristics of microscopic organisms, such as bacteria, algae, or fungi; or applying theory and principles of environmental engineering to modify, test, and operate equipment and devices used in the prevention, control, and remediation of env. problems.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	Delaware Nutrient Management Certification (6 credit hours); Certified Nursery Professional Exam (3 credit hours)

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Resources Extraction

PHRST Code	51707
Career Cluster	Energy & Natural Resources
New STS Title	Skilled and Technical Sciences (STS) Resources Extraction
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in mining, drilling, quarrying, geological exploration, extraction operations, heavy equipment, mineral/resource processing, or related natural-resource operations.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Formal apprenticeship, technical training, or recognized occupational preparation in extraction/heavy-equipment operations. Option 2: Associate degree or higher in mining technology, geology/geoscience, engineering technology, natural resources, or a closely related field. Option 3: Substantial documented extraction-industry experience.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Require any safety, operator, or regulatory credential mandated for the specific extraction content/equipment taught; avoid a universal credential across all extraction occupations.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK
Skilled and Technical Sciences (STS) Utilities

PHRST Code	51707
Career Cluster	Energy & Natural Resources
New STS Title	Skilled and Technical Sciences (STS) Utilities
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in electric power, gas, water, telecommunications, utility distribution, plant operations, line work, metering, controls, or utility-system maintenance and repair.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Completed apprenticeship/journey person or formal utility-industry technical training. Option 2: Associate degree or higher in utility technology, electrical/mechanical engineering technology, energy systems, or a closely related field. Option 3: Substantial documented utility operations/maintenance experience.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Require occupation-specific licenses, operator credentials, CDL, or safety training only when required for the utility content being taught; align requirements to the specific approved POS.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Accounting

PHRST Code	51708
Career Cluster	Financial Services
New STS Title	Skilled and Technical Sciences (STS) Accounting
Experience	Candidate may have experience as an accountant, auditor, financial examiner or tax examiner, tax collector or revenue agent. Duties may include: examining, analyzing, and interpreting accounting records; enforcing or ensuring compliance with financial laws and regulations; and determining tax liability or collecting taxes from individuals or businesses. For more information, please see the Bureau of Labor Statistics: Accounting (Finance).
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Banking & Credit

PHRST Code	51708
Career Cluster	Financial Services
New STS Title	Skilled and Technical Sciences (STS) Banking & Credit
Experience	Candidate may have experience as a credit authorizer, loan interviewer, account collector, or new accounts clerk. Duties may include: authorizing credit charges against customers' accounts; investigating history and credit standing of individuals or businesses applying for credit; interview loan applicants; and preparing loan request papers. For more information, please see the Bureau of Labor Statistics: Banking Services (Finance).
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Financial Strategy & Investments

PHRST Code	51708
Career Cluster	Financial Services
New STS Title	Skilled and Technical Sciences (STS) Financial Strategy & Investments
Experience	Candidate may have experience as a budget analyst, credit analyst, credit counselor, financial analyst, financial manager, financial specialist or loan officer. Duties may include: writing orders for stock purchases or sales; computing transfer taxes; verifying stock transactions; keeping records of daily transactions and holdings; assessing clients' assets, liabilities, cash flow, insurance coverage, tax status, and financial objectives; developing debt management plans; and evaluating, authorizing, or recommending approval of commercial, real estate or credit loans. For more information, please see the Bureau of Labor Statistics: Business Finance (Finance).
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Insurance

PHRST Code	51708
Career Cluster	Financial Services
New STS Title	Skilled and Technical Sciences (STS) Insurance
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in insurance sales, underwriting, claims, policy servicing, risk management, insurance operations, or related financial-services work.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Active state insurance producer or other applicable insurance license plus relevant occupational experience. Option 2: Associate degree or higher in insurance/risk management, finance, business, or a closely related field plus insurance-industry experience. Option 3: Substantial documented insurance-industry experience in underwriting, claims, operations, or risk functions.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: When the POS includes activities requiring state licensure, consider requiring the applicable Delaware insurance license to be current and in good standing; otherwise use licensure as one qualifying pathway rather than a universal requirement.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Real Estate

PHRST Code	51708
Career Cluster	Financial Services
New STS Title	Skilled and Technical Sciences (STS) Real Estate
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in real-estate sales, brokerage, property management, appraisal, leasing, development, mortgage/transaction support, or related real-estate operations.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Active Delaware real-estate salesperson/broker license or other applicable state credential plus relevant occupational experience. Option 2: Associate degree or higher in real estate, business, finance, property management, or a closely related field plus industry experience. Option 3: Substantial documented experience in property management, appraisal, development, or related real-estate operations.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: When the POS prepares students for licensed real-estate practice, consider requiring the applicable Delaware license to be current and in good standing; align any appraisal/property credentials to the actual curriculum.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Behavioral & Mental Health

PHRST Code	51709
Career Cluster	Health & Human Services
New STS Title	Skilled and Technical Sciences (STS) Behavioral & Mental Health
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Professional or paraprofessional experience in behavioral health, mental-health services, substance-use services, counseling support, psychiatric/behavioral care, case management, or related human-services settings.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Bachelor’s degree or higher in psychology, counseling, social work, behavioral health, human services, or a closely related field plus relevant experience. Option 2: Associate degree or recognized behavioral-health/human-services credential plus substantial related occupational experience for technician/support-level POS content. Option 3: Current professional license/certification in a behavioral-health discipline appropriate to the program taught.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Require active professional licensure only when the POS teaches practice that is legally restricted to licensed professionals. Consider CPR/first aid, crisis-response, or other safety training when appropriate to the instructional setting.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Biotechnology Research & Development

PHRST Code	51709
Career Cluster	Health & Human Services
New STS Title	Skilled and Technical Sciences (STS) Biotechnology Research & Development
Experience	Candidate may have experience in biological and laboratory sciences, including work as a biological scientist, chemist, or microbiologist conducting laboratory tests and experiments; setting up, operating, and maintaining laboratory instruments and equipment; monitoring experiments; making observations; calculating and recording results; and analyzing organic substances such as blood, food, and drugs. Experience may also include completion of a general or introductory program in biology or the biological sciences, covering core biological principles and a range of biological specializations with an emphasis on medical and health-related applications. Relevant occupational frameworks include Biological Technicians and Registered Nurses as defined by the Bureau of Labor Statistics.
Prerequisites	1) Current American Heart Association CPR Certification and the following additional requirements must be fulfilled; AND 2) A minimum of a Bachelor's Degree in biology, chemistry, microbiology and/or a highly related field.
Requirements	Biology teacher certification OR Current Delaware Registered Nurse License from the Delaware Division of Professional Regulation's Board of Nursing. Before teaching PLTW courses, teachers must attend PLTW licensed training.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Community & Social Services

PHRST Code	51709
Career Cluster	Health & Human Services
New STS Title	Skilled and Technical Sciences (STS) Community & Social Services
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in social services, community outreach, case management, family services, youth services, nonprofit/community programs, rehabilitation services, or related human-services work.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Associate degree or higher in human services, social work, sociology, psychology, community services, or a closely related field. Option 2: Documented occupational experience in community/social-service delivery plus relevant postsecondary coursework or formal training. Option 3: Current professional credential/license appropriate to the specific social-service discipline taught.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Require professional licensure only when the approved POS teaches licensed practice; otherwise consider role-appropriate safety, mandated-reporting, or program-specific training.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Health Data & Administration

PHRST Code	51709
Career Cluster	Health & Human Services
New STS Title	Skilled and Technical Sciences (STS) Health Data & Administration
Experience	Candidate may have experience in healthcare delivery and health information systems, including work as a Registered Nurse (RN) or Licensed Practical Nurse (LPN) providing and coordinating patient care; educating patients, families, and the public about health conditions and health maintenance; offering clinical guidance and emotional support; and referring patients to physicians and other healthcare professionals or facilities. Experience may include serving in public or community health settings such as physician offices, home healthcare, outpatient care centers, and community-based facilities, addressing complex health issues to protect and improve population health. Candidates may also have experience as a medical coder and biller, compiling, processing, and maintaining medical records in accordance with medical, administrative, ethical, legal, and regulatory requirements; using standardized alphanumeric diagnosis and procedure codes; and translating medical terminology into standardized formats to ensure accurate communication between healthcare providers and insurance payers. Relevant occupational frameworks include Registered Nurses, Licensed Practical Nurses, Public Health professionals, and Health Information Technicians as defined by the Bureau of Labor Statistics.
Prerequisites	Option 1: Current American Heart Association CPR Certification; AND 1) A current Delaware Registered Nurse license in good standing with the Delaware Division of Professional Regulation's Board of Nursing and Public Health or Community Health Experience; OR 2) A current Delaware Licensed Practical Nurse in good standing with the Delaware Division of Professional Regulation's Board of Nursing http://delcode.delaware.gov/title24/c019/ and Public Health or Community Health Experience. Option 2: Current American Heart Association CPR Certification and a minimum of an Associate's Degree in Health Information Management (HIM) or Allied Health; AND Additional Requirements include one of the following: 1) Certified Professional Coder (CPC), Certified Professional Coder - Hospital (CPC-H), or Certified Professional Coder - Payer (CPC-P) by the American Academy of Professional Coders (AAPC) www.aapc.com; OR 2) Certified Coding Specialist (CCS), Certified Coding Specialist - Physici
Requirements	No proposal at this time.
Credits	Certified Professional Coder (CPC), Certified Professional Coder - Hospital (CPC-H), or Certified Professional Coder - Payer (CPC-P) by the American Academy of Professional Coders (AAPC). Certified Coding Specialist (CCS), Certified Coding Specialist - Physician based (CCS-P), or Certified Coding Associate (CCA) by the American Health Information Management Association (AHIMA). Current Certification Requirements (above) = three (3) career-related credits up to a maximum of nine (9) credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Personal Care Services

PHRST Code	51709
Career Cluster	Health & Human Services
New STS Title	Skilled and Technical Sciences (STS) Personal Care Services
Experience	Candidate may have experience as a cosmetologist or hairdresser in a licensed salon or spa. A customer service mindset as well as good listening skills essential components. Physical stamina coupled with time management and managerial skills are also required. For more information, please see the Bureau of Labor Statistics: Cosmetologist.
Prerequisites	State of Delaware Cosmetologist License with the Delaware Division of Professional Regulation, Board of Cosmetology and Barbering
Requirements	Current State of Delaware Cosmetology Instructor License with the Delaware Division of Professional Regulation, Board of Cosmetology and Barbering
Credits	Current State Of Delaware Cosmetologist License = three (3) career-related credits. Current State of Delaware Cosmetology Instructor License = three (3) additional career-related credits. Note: Current State of Delaware Cosmetology Instructor License provides sufficient evidence of both the Cosmetologist License and the Cosmetology Instructor License.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Physical Health

PHRST Code	51709
Career Cluster	Health & Human Services
New STS Title	Skilled and Technical Sciences (STS) Physical Health
Experience	Candidate may have experience across clinical, allied health, and healthcare technical fields, including work as a phlebotomist drawing blood for testing, transfusions, donations, or research; as a cardiovascular technician conducting or assisting with electrocardiograms, cardiac catheterizations, and pulmonary function tests; or as another healthcare technician supporting diagnostic and patient care services. Experience may also include providing direct patient care as a Registered Nurse (RN) or Licensed Practical Nurse (LPN), administering medications and treatments, assisting physicians during examinations and procedures, referring patients to appropriate healthcare professionals, and delivering education for health maintenance in clinical, long-term care, or community settings. Candidates may alternatively or additionally have experience as a Physician Assistant (PA) reviewing medical histories, examining patients, ordering and interpreting diagnostic tests, and prescribing medications. Other experience may include roles as a Dental Hygienist or Dental Assistant providing preventive oral care, patient education, radiographic imaging, recordkeeping, and chairside assistance; as a Medical Assistant performing administrative and clinical tasks in healthcare offices; as a Pharmacist or Pharmacy Technician preparing and dispensing medications and supporting pharmacy operations; as a Physical Therapist or Athletic Trainer providing rehabilitative care and pain management; or as an Operating Room Nurse or Surgical Technician assisting with surgical procedures, preparing operating rooms, maintaining sterile environments, tracking surgical instruments, supporting patient recovery, and completing post-operative room turnover. Relevant occupational frameworks include Phlebotomists, Cardiovascular Technicians, Registered Nurses, Licensed Practical Nurses, Physician Assistants, Dental Hygienists, Dental Assistants, Medical Assistants, Pharmacists, Pharmacy Technicians, Physical Therapists, Athletic Trainers, and Surgical Technicians as defined by the Bureau of Labor Statistics.
Prerequisites	Option 1: Current American Heart Association CPR Certification; AND Additional Requirements include one of the following: 1) Current National Phlebotomy Technician Certification; 2) Current EKG Technician Certification; OR 3) Nationally Certified Healthcare Technician from any healthcare discipline. Option 2: Current American Heart Association CPR Certification; AND 1) A current Delaware Registered Nurse license in good standing with the Delaware Division of Professional Regulation's Board of Nursing and Public Health or Community Health Experience; OR 2) A current Delaware Licensed Practical Nurse in good standing with the Delaware Division of Professional Regulation's Board of Nursing http://delcode.delaware.gov/title24/c019/ and Public Health or Community Health Experience. Option 3: Current American Heart Association CPR Certification and a minimum of an Associate's Degree in Health Information Management (HIM) or Allied Health; AND Additional Requirements include one of the following: 1) Certified Professional Coder (CPC), Certified Professional Coder - Hospital (CPC-H), or Certified Professional Coder - Payer (CPC-P) by the American Academy of Professional Coders (AAPC) www.aapc.com; OR 2) Certified Coding Specialist (CCS), Certified Coding Specialist - Physici Option 4: Current American Heart Association CPR Certification and one of the following must be fulfilled; AND 1) A Delaware Registered Nurse License in good standing with the Delaware Division of Professional Regulation's Board of Nursing; OR 2) A Licensed professional in the health care specialty in good standing with the Delaware Division of Profesesional Regulation's Board; OR 3) A healthcare provider with a national certification from the governing body
Requirements	No proposal at this time.
Credits	Current National Board Certified = three (3) career-related credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Accommodations

PHRST Code	51710
Career Cluster	Hospitality, Events, & Tourism
New STS Title	Skilled and Technical Sciences (STS) Accommodations
Experience	Candidates may have experience in the lodging, travel, tourism, recreation, or leisure industries, including experience in supervisory or management roles. Relevant experience may include hotel or resort operations, front office and guest services, reservations, travel planning, tourism and destination services, recreation or attraction operations, sales, or other guest-focused hospitality services. Strong communication, customer service, organizational, problem-solving, and time-management skills are essential, along with the ability to multi-task and work effectively in a fast-paced, guest-centered environment. For more information, please see the U.S. Bureau of Labor Statistics Occupational Outlook Handbook: *Lodging Managers, Travel Agents,* and *Recreation Workers*.
Prerequisites	No proposal at this time.
Requirements	ServSafe Food Safety Manager Certification and Certified Hospitality Instructor.
Credits	Certified Hospitality Instructor Certification = three (3) career-related credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Conference & Events

PHRST Code	51710
Career Cluster	Hospitality, Events, & Tourism
New STS Title	Skilled and Technical Sciences (STS) Conference & Events
Experience	Experience in planning, coordinating, producing, or supporting meetings, conferences, conventions, exhibitions, hospitality events, community events, or other professional or social events. Experience may include work with hotels, convention centers, event venues, tourism organizations, nonprofit/community organizations, educational institutions, or event-production companies. Relevant experience includes client engagement, event logistics, venue operations, registration, food and beverage coordination, audiovisual/event technology, budgeting, vendor coordination, marketing and promotion, guest services, and post-event evaluation.
Prerequisites	No proposal at this time.
Requirements	ServSafe Food Safety Manager Certification
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Culinary & Food Services

PHRST Code	51710
Career Cluster	Hospitality, Events, & Tourism
New STS Title	Skilled and Technical Sciences (STS) Culinary & Food Services
Experience	Candidates may have experience in the restaurant, culinary, catering, or food service industry and demonstrate the ability to work effectively in a fast-paced environment. Relevant experience may include food preparation and production, front- or back-of-house operations, catering, customer service, inventory and purchasing, cost control, supervision, or restaurant and food service management. Strong communication, organizational, and time-management skills are essential, along with knowledge of sanitation, workplace safety, and food safety regulations. For more information, please see the U.S. Bureau of Labor Statistics Occupational Outlook Handbook: *Chefs and Head Cooks* and *Food Service Managers*.
Prerequisites	No proposal at this time.
Requirements	ServSafe Food Safety Manager Certification
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Travel & Leisure

PHRST Code	51710
Career Cluster	Hospitality, Events, & Tourism
New STS Title	Skilled and Technical Sciences (STS) Travel & Leisure
Experience	Candidates may have experience in the lodging, travel, tourism, recreation, or leisure industries, including experience in supervisory or management roles. Relevant experience may include hotel or resort operations, front office and guest services, reservations, travel planning, tourism and destination services, recreation or attraction operations, sales, or other guest-focused hospitality services. Strong communication, customer service, organizational, problem-solving, and time-management skills are essential, along with the ability to multi-task and work effectively in a fast-paced, guest-centered environment. For more information, please see the U.S. Bureau of Labor Statistics Occupational Outlook Handbook: *Lodging Managers, Travel Agents,* and *Recreation Workers*.
Prerequisites	No proposal at this time.
Requirements	ServSafe Food Safety Manager Certification
Credits	Certified Hospitality Instructor Certification = three (3) career-related credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Business Information Management

PHRST Code	51711
Career Cluster	Management & Entrepreneurship
New STS Title	Skilled and Technical Sciences (STS) Business Information Management
Experience	Candidate may have experience in business operations, management, and information systems, including roles such as business operations specialist, administrative services manager, chief executive, general or operations manager, industrial production manager, management analyst, purchasing or sales manager, database administrator, information security analyst, computer user support specialist, or information systems manager. Duties may include determining and formulating policy; planning, directing, and coordinating operational activities; conducting organizational studies and evaluations; designing systems, processes, and procedures; and preparing operations and procedures manuals. Experience may also include administering, testing, and implementing computer databases; coordinating database changes; planning, implementing, upgrading, and monitoring information security measures; and providing technical assistance and support for computer users. Relevant occupational frameworks align with Business Information Management as defined by the Bureau of Labor Statistics.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Entrepreneurship & Small Business

PHRST Code	51711
Career Cluster	Management & Entrepreneurship
New STS Title	Skilled and Technical Sciences (STS) Entrepreneurship & Small Business
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience founding, owning, operating, or managing a business, or leading core small-business functions such as finance, operations, sales, marketing, staffing, customer experience, or business development.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Associate degree or higher in entrepreneurship, business administration, management, finance, marketing, or a closely related field plus relevant business experience. Option 2: Documented ownership/operation of a business or substantial management responsibility in a small-business/entrepreneurial environment.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Leadership & Operations

PHRST Code	51711
Career Cluster	Management & Entrepreneurship
New STS Title	Skilled and Technical Sciences (STS) Leadership & Operations
Experience	Candidate may have experiences as a business operations specialist, administrative services manager, chief executive, general/operations manager, industrial production manager, management analyst, purchasing manager or sales manager. Duties may include: determining and formulating policy; planning, directing, or coordinating operational activities; conducting organizational studies and evaluations; designing systems and procedures; and preparing operations and procedures manuals. Must also demonstrate proficiency in the use of various computer hardware and software systems. For more information, please see the Bureau of Labor Statistics: Business Management and Administration.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Project Management

PHRST Code	51711
Career Cluster	Management & Entrepreneurship
New STS Title	Skilled and Technical Sciences (STS) Project Management
Experience	Candidate may have experience as a first-line supervisor of office and administrative support workers. Duties may include: directly supervising and coordinating the activities of clerical and administrative support workers. For more information, please see the Bureau of Labor Statistics: Administrative Support.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Regulation

PHRST Code	51711
Career Cluster	Management & Entrepreneurship
New STS Title	Skilled and Technical Sciences (STS) Regulation
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in regulatory compliance, licensing, inspection, quality/compliance systems, risk, policy implementation, audit, government regulation, or related business/public-sector compliance functions.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Associate degree or higher in business, public administration, legal studies, compliance, risk management, occupational safety, or a closely related field plus relevant experience. Option 2: Substantial documented occupational experience in compliance, inspection, licensing, audit, or regulatory operations.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Marketing Research, Analytics, & Ethics

PHRST Code	51712
Career Cluster	Marketing & Sales
New STS Title	Skilled and Technical Sciences (STS) Marketing Research, Analytics, & Ethics
Experience	Candidate may have experience in marketing, communications, fundraising, and real estate management, including roles such as market research analyst, marketing specialist or manager, advertising, promotions, or public relations manager or specialist, fundraising manager, real estate appraiser, property association manager, or real estate sales agent. Duties may include gathering and analyzing information on competitors, pricing, sales, and methods of marketing and distribution; developing pricing strategies; overseeing product or service development; monitoring market and industry trends; planning, directing, and coordinating fundraising, advertising, promotional, and public relations activities; designing and producing promotional materials; and creating or maintaining a favorable public image for individuals, groups, or organizations. Experience may also include appraising real property, assessing taxes, and managing governance activities for commercial, industrial, or residential real estate properties. Candidates must demonstrate proficiency in the use of relevant hardware and software systems. Relevant occupational frameworks align with Marketing Management as defined by the Bureau of Labor Statistics.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Marketing & Advertising

PHRST Code	51712
Career Cluster	Marketing & Sales
New STS Title	Skilled and Technical Sciences (STS) Marketing & Advertising
Experience	Candidate may have experience as a fundraiser manager, advertising manager, promotions manager, public relations manager and public relations specialist. Duties may include: planning, directing, or coordinating activities designed to create or maintain a favorable public image; plan, direct, or coordinate fundraising activities; design and produce promotional materials; promoting or creating a public image for individuals, groups or organizations. Must also demonstrate proficiency in the use of various hardware and software systems. For more information, please see the Bureau of Labor Statistics: Marketing Communications.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Retail & Customer Experience

PHRST Code	51712
Career Cluster	Marketing & Sales
New STS Title	Skilled and Technical Sciences (STS) Retail & Customer Experience
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in retail operations, customer service, merchandising, e-commerce, sales, store/service management, customer-experience operations, or frontline supervision.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Strategic Sales

PHRST Code	51712
Career Cluster	Marketing & Sales
New STS Title	Skilled and Technical Sciences (STS) Strategic Sales
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in business-to-business sales, account management, technical sales, sales operations, sales management, customer relationship management, or revenue/business development.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Emergency Response

PHRST Code	51713
Career Cluster	Public Service & Safety
New STS Title	Skilled and Technical Sciences (STS) Emergency Response
Experience	Candidate may have experience as a paramedic responding to emergency calls, performing medical services and transporting patients to medical facilities. A candidate will have experience with assessing patients, stabilizing broken bones and spinal injuries so that patients can be transported safely, providing life support such as CPR and airway management, performing procedures within their training level (wound bandaging, administering oral and IV medications, administering and interpreting medical tests), transporting patients to an appropriate emergency facility, either as a driver or while providing care en route, communicating with the staff at the receiving facility about the patient's condition, documenting the care given in the patient's chart or electronic medical record (EMR), and maintaining equipment, vehicles and supplies. For more information, please see the Bureau of Labor Statistics: Emergency Medical Technician and Paramedic.
Prerequisites	1. Current American Heart Association certified CPR/First Aid Instructor; AND 2. Current national certification as a Paramedic (NRP) and qualifies as a Delaware paramedic with the Delaware Board of Medical Licensure and Discipline http://dpr.delaware.gov/boards/medicalpractice/index.shtml.
Requirements	No proposal at this time.
Credits	Current EMT-P Certification = three (3) career-related credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Judicial Systems

PHRST Code	51713
Career Cluster	Public Service & Safety
New STS Title	Skilled and Technical Sciences (STS) Judicial Systems
Experience	Candidate may have experience as a Legal Administrative Assistants researching, drafting, keeping records, and other related administrative functions under the supervision of an attorney or court. For more information, please see the Bureau of Labor Statistics: Paralegal and Legal Assistants. Candidate may have experience in legal services, criminal justice or correctional services. A candidate may be a former lawyer, judge, detective or criminal investigator who gathers facts and collects evidence of possible crimes. For more information, please see related careers using the Bureau of Labor Statistics.
Prerequisites	1. National Association of Legal Assistants (NALA) Certified Legal Assistant Certification; OR 2. National Association of Legal Secretaries (NALS) PLS Certification
Requirements	No proposal at this time.
Credits	Current NALA Certified Legal Assistant Certification = three (3) career-related credits. The Paralegal Association Certified Paralegal Certification = three (3) career-related credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Local, State, & Federal Services

PHRST Code	51713
Career Cluster	Public Service & Safety
New STS Title	Skilled and Technical Sciences (STS) Local, State, & Federal Services
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in public administration, government operations, public programs, constituent/community services, policy implementation, regulatory administration, budgeting/procurement, or related civil-service functions.
Prerequisites	No proposal at this time.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Military & National Security

PHRST Code	51713
Career Cluster	Public Service & Safety
New STS Title	Skilled and Technical Sciences (STS) Military & National Security
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Relevant military service or civilian defense/national-security experience in operations, intelligence, logistics, emergency management, cybersecurity, communications, aviation, technical systems, or related mission-support functions.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Documented military occupational specialty/rating/AFSC or equivalent service training plus relevant experience. Option 2: Associate degree or higher in homeland security, emergency management, cybersecurity, intelligence studies, military studies, public safety, or a closely related field plus relevant experience. Option 3: Substantial civilian defense/national-security occupational experience.
Requirements	No proposal at this time.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Public Safety

PHRST Code	51713
Career Cluster	Public Service & Safety
New STS Title	Skilled and Technical Sciences (STS) Public Safety
Experience	Candidate may have experience in public safety, legal services, and emergency response, including work as a police officer, detective, or criminal investigator supporting community-policing needs by responding to emergency and non-emergency calls; patrolling assigned areas; issuing citations; obtaining and serving arrest and search warrants; making arrests; collecting and documenting evidence from crime scenes; and preparing detailed reports. Experience may also include roles in legal services or the justice system, such as legal administrative assistant, paralegal, attorney, judge, or correctional professional, involving legal research, drafting, recordkeeping, and fact-finding under court or attorney supervision. Candidates may additionally have experience as an emergency medical technician (EMT) or paramedic, responding to emergency calls; assessing and stabilizing patients; providing life-support interventions such as CPR and airway management; administering medications and medical procedures within their scope of training; transporting patients safely to medical facilities while providing care en route; communicating with receiving medical staff; documenting care in patient charts or electronic medical records; and maintaining equipment, vehicles, and supplies. Relevant occupational frameworks include Police and Detectives, Paralegals and Legal Assistants, Emergency Medical Technicians, and Paramedics as defined by the Bureau of Labor Statistics.
Prerequisites	1. Current American Heart Association certified CPR/First Aid certification; AND 2. Associates Degree in Criminal Justice or related field.
Requirements	No proposal at this time.
Credits	Current National Academies of Emergency Dispatch Emergency Telecommunicator Instructor ETC-I Certification = three (3) career-related credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Air & Space Transportation

PHRST Code	51714
Career Cluster	Supply Chain & Transportation
New STS Title	Skilled and Technical Sciences (STS) Air & Space Transportation
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in aviation/aerospace operations, flight operations, airport operations, aircraft systems, air traffic/dispatch, aviation maintenance support, space/aerospace systems, or related transportation work.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Applicable FAA certificate/license appropriate to the instructional area plus related occupational experience. Option 2: Associate degree or higher in aviation, aerospace, airport operations, aviation technology, or a closely related field plus relevant experience. Option 3: Documented military or civilian aviation/aerospace technical experience.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Require applicable FAA certification when the POS includes duties for which federal certification is required; add airport/airfield or safety credentials only when aligned to the curriculum.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Ground & Rail Transportation

PHRST Code	51714
Career Cluster	Supply Chain & Transportation
New STS Title	Skilled and Technical Sciences (STS) Ground & Rail Transportation
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in commercial driving, transit, rail operations, fleet operations, dispatch, transportation safety, passenger transportation, freight movement, or related ground-transportation systems.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Applicable CDL or rail/transit occupational credential plus relevant experience. Option 2: Postsecondary certificate/associate degree in transportation, logistics, diesel/fleet technology, or a closely related field plus relevant experience. Option 3: Substantial documented commercial transportation, transit, rail, fleet, or dispatch experience.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Require CDL endorsements, rail/transit qualifications, DOT-related credentials, or safety training only when required for the specific POS duties/equipment taught.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Maintenance & Repair

PHRST Code	51714
Career Cluster	Supply Chain & Transportation
New STS Title	Skilled and Technical Sciences (STS) Maintenance & Repair
Experience	Candidate may have experience in advanced transportation, aerospace, and mechanical systems, including operating, installing, calibrating, and maintaining integrated computer and communications systems, consoles, simulators, and data acquisition, test, and measurement equipment used to launch, track, position, and evaluate air and space vehicles. Experience may also include assembling, fitting, fastening, and installing components of aircraft, space vehicles, or missiles such as wings, fuselage sections, landing gear, control systems, and heating or ventilation systems. Additional experience may include repairing and refinishing vehicle bodies; straightening frames; replacing glass; operating painting equipment for transportation vehicles; diagnosing, adjusting, repairing, or overhauling automobiles, buses, trucks, diesel engines, and railroad rolling stock; installing and maintaining communications, sound, security, navigation, and surveillance systems in motor vehicles and other mobile equipment; servicing mobile mechanical, hydraulic, and pneumatic equipment used in construction, logging, mining, and mass transit; and repairing electrical and mechanical systems of marine engines and small engines used in lawn, recreational, and industrial equipment. Relevant occupational frameworks include Aircraft Mechanics, Automotive Body Repairers, Automotive and Diesel Mechanics, Mobile Equipment Mechanics, and Small Engine Repair Technicians as defined by the Bureau of Labor Statistics.
Prerequisites	Option 1: 1. A current Federal Aviation Administration (FAA) Aircraft Powerplant License AND 2. A current Federal Aviation Administration (FAA) Aircraft Airframe License Option 2: 1. Current I-CAR Platinum Individual Certification; OR 2. Current National Institute for Automotive Service Excellence's ASE Technician Certification which includes individual certifications in all of the following areas: A. Painting and Refinishing (B2); B. Non-Structural Analysis and Damage Repair (B3); C. Structural Analysis and Damage Repair (B4); D. Mechanical and Electrical Components (B5); AND E. Damage Analysis Option 3: National Institute for Automotive Service Excellence's ASE Master Automobile Technician Certification and individual certifications in all of the following areas www.ASE.com: A. Engine Repair Test A1; B. Automatic Transmission/Transaxle Test A2; C. Manual Drivetrain and Axles Test A3; D. Suspension and Steering Test A4 E. Brakes (Test A5); F. Electrical/Electronic Systems Test A6; G. Heating and Air Conditioning Test A7; H. Engine Performance Test A8; AND I. Light Vehicle Diesel Engines Test A9. Option 4: Current Equipment and Engine Training Council (EETC)/Outdoor Power Equipment (OPW) Certification in "Four Stroke" and "Two Stroke" and at least one of the following areas: 1. Electrical; 2. Compact Diesel; OR 3. Driveline/Hydraulics/Hydrostatic
Requirements	Option 1: NCCER Craft/Technician Instructor Certification Option 2: I-CAR Platinum Individual Certification OR ASE Technician Certifications in B2, B3, B4, B5, and B6. Option 3: National Automotive Technicians Education Foundation's (NATEF) Certified Technician Training program requirements for instructors
Credits	Current I-CAR Platinum Individual Certification = nine (9) career-related credits; Current ASE Master Automobile Technician Certification = nine (9) career-related credits. Current ASE Technician Certifications in B2, B3, B4, B5, and B6 = nine (9) career-related credits; Current Equipment and Engine Training Council (EETC) Certification in Electrical, Compact Diesel, Driveline/Hydraulics/Hydrostatic = three (3) career-related credits each, up to nine (9) total career-related credits.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Marine Transportation

PHRST Code	51714
Career Cluster	Supply Chain & Transportation
New STS Title	Skilled and Technical Sciences (STS) Marine Transportation
Experience	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Experience in vessel operations, deck operations, marine engineering, port/terminal operations, maritime logistics, marine safety, or related water-transportation work.
Prerequisites	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Option 1: Applicable U.S. Coast Guard Merchant Mariner Credential or other maritime credential plus relevant sea-service/occupational experience. Option 2: Associate degree or higher in marine transportation, marine engineering technology, maritime operations, or a closely related field plus relevant experience. Option 3: Documented military or civilian maritime/port operations experience.
Requirements	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Require applicable U.S. Coast Guard credentialing when the POS includes regulated vessel duties; align safety/security credentials to the instructional assignment.
Credits	No proposal at this time. SUGGESTED CHANGE – BLS ALIGNMENT: Consider career-related credit equivalents for applicable USCG credentials, military maritime training, or validated postsecondary maritime preparation.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Planning & Logistics

PHRST Code	51714
Career Cluster	Supply Chain & Transportation
New STS Title	Skilled and Technical Sciences (STS) Planning & Logistics
Experience	Candidate may have experience in manufacturing logistics to analyze and coordinate an organization's supply chain that moves a product from supplier to consumer throughout the life cycle of a product, which includes how a product is acquired, processed, distributed, allocated, and delivered. Tasks include purchasing, transportation, inventory, and warehousing. For more information, please see the Bureau of Labor Statistics: Logisticians.
Prerequisites	Verified completion of at least 576 hours of specific Logistics and Inventory Control formal training above the high school level
Requirements	Manufacturing Skill Standards Council (MSSC) Certified Logistics Technician (CLT) certification.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

PHRST / STS TEAM FEEDBACK

Skilled and Technical Sciences (STS) Purchasing & Warehousing

PHRST Code	51714
Career Cluster	Supply Chain & Transportation
New STS Title	Skilled and Technical Sciences (STS) Purchasing & Warehousing
Experience	Candidate may have experience in manufacturing logistics to analyze and coordinate an organization's supply chain that moves a product from supplier to consumer throughout the life cycle of a product, which includes how a product is acquired, processed, distributed, allocated, and delivered. Tasks include purchasing, transportation, inventory, and warehousing. For more information, please see the Bureau of Labor Statistics: Logisticians.
Prerequisites	Verified completion of at least 576 hours of specific Logistics and Inventory Control formal training above the high school level
Requirements	Manufacturing Skill Standards Council (MSSC) Certified Logistics Technician (CLT) certification.
Credits	No proposal at this time.

Team Feedback / Recommended Changes

POS	School
1 - Advanced Manufacturing	
1.01 - Production & Automation	
01.01401 - Manufacturing Technician	Hodgson (Paul M.) Vocational Technical High School
01.01402 - Chemical Laboratory Technician	Delcastle Technical High School
01.01403 - Mechatronics	POLYTECH High School
1.02 Engineering	
01.02301 - Processes of Design and Engineering	McKean (Thomas) High School
01.02302 - Engineering (3cr PLTW)	Appoquinimink High School
	Middletown High School
	Odessa High School
01.02305 - Design and Engineering	Brandywine High School
	Concord High School
	Mount Pleasant High School
01.02307 - Engineering - SAAS	Sussex Academy
01.02404 - Engineering & Design - Polytech	POLYTECH High School
01.02500 - MYP PLTW	Dickinson (John) School
01.02501 - Design and Engineering	Newark Charter School
01.02502 - Engineering (PLTW) - MS	Cantwells Bridge Middle School
	Clayton Middle School
	Gauger-Cobbs Middle School
	Kirk (George V.) Middle School
	Laurel Middle School
	Maurice Pritchett SR. Academy
	Meredith (Everett) Middle School
	Middle School of Excellence
	Middle School of Innovation
	Redding (Louis L.) Middle School
	Shue-Medill Middle School
	Smyrna Middle School
	Sussex Academy
	The Bayard School
	Waters (Alfred G.) Middle School
01.02503 - Manufacturing Engineering Technology (EbD) - MS	MOT Charter School
01.02504 - Engineering and Technology - MS	Beacon Middle School
	Bedford (Gunning) Middle School
	Chipman (W.T.) Middle School
	Christiana High School
	Conrad Schools of Science
	Delmar Middle School
	Dover Air Force Base Middle School
	F. Niel Postlethwait Middle School
	Fred Fifer III Middle School
	Frederick D Thomas Middle School
	Gauger-Cobbs Middle School
	Georgetown Middle School
	Kirk (George V.) Middle School
	MOT Charter School

	Magnolia Middle School Mariner Middle School Maurice Pritchett SR. Academy McCullough (Calvin R.) Middle School Seaford Middle School Selbyville Middle School Shue-Medill Middle School Skyline Middle School Springer Middle School Stanton Middle School Sussex Central Middle Talley Middle School The Bayard School duPont (Alexis I.) Middle School duPont (H.B.) Middle School duPont (Pierre S.) Middle School
01.02508 - PLTW Gateway	Georgetown Middle School Sussex Central Middle
01.02602 - Engineering (3cr PLTW)	Appoquinimink High School Christiana High School Dickinson (John) School Glasgow High School Indian River High School Middletown High School Milford Senior High School Newark Charter School Newark High School Odessa High School Penn (William) High School Smyrna High School
01.02603 - Manufacturing Engineering Technology (EbD)	Caesar Rodney High School Cape Henlopen High School Delmar High School MOT Charter School McKean (Thomas) High School
01.02803 - Engineering (6cr PLTW)	Hodgson (Paul M.) Vocational Technical High School Sussex Technical High School
1.05 Industrial Machinery	
01.05301 - DTCC HVAC Technician	Laurel Senior High School Woodbridge High School
01.05405 - Industrial Mechanics & Maintenance Technology	Hodgson (Paul M.) Vocational Technical High School
01.05406 - Industrial Mechanics/Millwright - NCCVT	Hodgson (Paul M.) Vocational Technical High School
01.05603 - DTCC Industrial Maintenance Mechanic	Dover High School Kent County Secondary ILC
2 - Agriculture	
2.01 - Agribusiness	
02.01302 - Agribusiness Leadership	Caesar Rodney High School Woodbridge High School

02.01500 - Agriculture, Food & Natural Resources	Beacon Middle School
	Bedford (Gunning) Middle School
	Cantwells Bridge Middle School
	Chipman (W.T.) Middle School
	Christiana High School
	Clayton Middle School
	Conrad Schools of Science
	Delmar Middle School
	Dover Air Force Base Middle School
	F. Niel Postlethwait Middle School
	Fred Fifer III Middle School
	Frederick D Thomas Middle School
	Gauger-Cobbs Middle School
	Georgetown Middle School
	Kirk (George V.) Middle School
	Laurel Middle School
	Magnolia Middle School
	Mariner Middle School
	Meredith (Everett) Middle School
	Middle School of Excellence
	Middle School of Innovation
	Milford Central Academy
	Read (George) Middle School
	Redding (Louis L.) Middle School
	Seaford Middle School
	Selbyville Middle School
	Smyrna Middle School
	Stanton Middle School
	Sussex Central Middle
	Waters (Alfred G.) Middle School
	Woodbridge Middle School
02.01501 - Agriculture & Horticultural Science - Odyssey	Odyssey Charter School
2.02 Food Science & Processing	
02.02303 - Food Studies	Odyssey Charter School
2.03 Water Systems	
2.04 Plant Systems	
02.04304 - Biotechnology	MOT Charter School
	Newark Charter School
02.04305 - Bio-related technology	Conrad Schools of Science
02.04307 - Plant Systems & Sustainability	Appoquimink High School
	Middletown High School
	Odessa High School
02.04309 - Plant & Horticultural Science	Indian River High School
	Sussex Central High School
02.04404 - Plant Science and Natural Resources Technologies	Sussex Technical High School
02.04406 - Landscaping/Turf Management - Tech	Hodgson (Paul M.) Vocational Technical High School
	Sussex Technical High School
02.04607 - Plant Science	Caesar Rodney High School

	Cape Henlopen High School Christiana High School Conrad Schools of Science Delmar High School Indian River High School Lake Forest High School Laurel Senior High School McKean (Thomas) High School Milford Senior High School Penn (William) High School Smyrna High School Sussex Central High School Woodbridge High School
2.05 Animal Systems	
02.05300 - Agriculture, Food & Natural Resources	Penn (William) High School
02.05312 - Animal Science	Indian River High School Sussex Central High School
02.05313 - Animal Science and Management - APPO	Appoquinimink High School Middletown High School Odessa High School
02.05408 - Veterinary Technician	Hodgson (Paul M.) Vocational Technical High School
02.05602 - Animal Science and Management	Caesar Rodney High School Cape Henlopen High School Christiana High School Conrad Schools of Science Delmar High School Dover High School Glasgow High School Indian River High School Lake Forest High School Laurel Senior High School McKean (Thomas) High School Milford Senior High School Newark High School Penn (William) High School Smyrna High School Sussex Central High School Woodbridge High School
2.06 Agricultural Technology & Automation	
02.06300 - Power, Structural & Technical Systems	Caesar Rodney High School
02.06604 - Agricultural Power and Engineering	Christiana High School Dover High School Lake Forest High School Smyrna High School Sussex Central High School
3 - Arts, Entertainment and Design	
3.01 - Media Production & Broadcasting	
03.01301 - Broadcast Journalism - BSD	Mount Pleasant High School

03.01302 - Audio, Radio and Video Engineering	Caesar Rodney High School Calloway (Cab) School of the Arts Cape Henlopen High School Christiana High School Glasgow High School McKean (Thomas) High School Newark High School Sussex Central High School
03.01401 - Radio & TV Broadcasting Technician	Delcastle Technical High School POLYTECH High School
03.01402 - Broadcast Media	POLYTECH High School
3.02 - Fashion & Interiors	
03.02605 - Fashion & Apparel	Cape Henlopen High School
3.03 - Fine Arts	
3.04 - Design & Digital Arts	
03.04305 - Graphic Design and Production	Dickinson (John) School Indian River High School
03.04306 - Digital Media and Imaging	Dickinson (John) School MOT Charter School Sussex Central High School
03.04307 - Digital Media	Penn (William) High School
03.04403 - Digital Publishing and Design	Sussex Technical High School
03.04404 - Visual Communication and Design	St. Georges Technical High School
03.04405 - Graphic and Printing Equipment Operator	Delcastle Technical High School
03.04604 - Digital Communication Technology	Appoquinimink High School Brandywine High School Caesar Rodney High School Calloway (Cab) School of the Arts Christiana High School Concord High School Delmar High School Dover High School Glasgow High School Lake Forest High School Laurel Senior High School Middletown High School Milford Senior High School Mount Pleasant High School Newark High School Odessa High School Odyssey Charter School Penn (William) High School Seaford Senior High School Smyrna High School Sussex Central High School duPont (Alexis I.) High School
3.05 - Lighting & Sound Technology	
03.05406 - Electronic & Communication Eng. Technician	Delcastle Technical High School

	Sussex Technical High School
03.05407 - Audiovisual Communications Technician	Sussex Technical High School
4 - Construction	
4.01 Construction Planning & Development	
04.01302 - Drafting and Design - CAD	Christiana High School Newark High School
04.01415 - Drafting and Design - CAD	St. Georges Technical High School
04.01303 - Drafting and Design - Architectural	Dickinson (John) School McKean (Thomas) High School
04.01401 - Drafting and Design Technician	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School
4.02 - Architecture & Civil Engineering	
04.02605 - Architectural Engineering Technology	Caesar Rodney High School Dover High School duPont (Alexis I.) High School
04.02805 - Architectural Engineering Technology - Tech	Sussex Technical High School
4.03 - Skilled Trades	
04.03304 - Agricultural Structures and Engineering	Lake Forest High School Milford Senior High School Smyrna High School Sussex Central High School Woodbridge High School
04.03309 - Construction and Manufacturing	Indian River High School
04.03310 - Construction Technology	Penn (William) High School
04.03312 - Carpentry, Cabinetry and Design	Cape Henlopen High School
04.03401 - Carpenter	Sussex Technical High School
04.03402 - Electrician	Sussex Technical High School
04.03403 - HVAC-R Technician	Hodgson (Paul M.) Vocational Technical High School Sussex Technical High School
04.03409 - Building Construction - Polytech	POLYTECH High School
04.03410 - Carpenter	Sussex Technical High School
04.03411 - HVCAR	POLYTECH High School
04.03619 - DTCC Building Trades	Penn (William) High School
04.03813 - Electrical Pre-Apprenticeship	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology POLYTECH High School St. Georges Technical High School Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School St. Georges Technical High School
04.03814 - Plumbing Pre-Apprenticeship	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School St. Georges Technical High School
04.03815 - HVAC Pre-Apprenticeship	Delcastle Technical High School St. Georges Technical High School
04.03816 - Masonry Pre-Apprenticeship	Hodgson (Paul M.) Vocational Technical High School POLYTECH High School

04.03817 - Welding and Fabrication Pre-Apprenticeship	Sussex Technical High School POLYTECH High School
04.03820 - Carpentry Pre-Apprenticeship	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology St. Georges Technical High School
04.03821 - Sheet Metal Fabrication Pre-Apprenticeship	Delcastle Technical High School POLYTECH High School
04.03822 - Welding and Fabrication	Delcastle Technical High School
4.04 - Equipment Operation & Maintenance	
04.04311 - Construction Machinery Operator	Appoquinimink High School Indian River High School Middletown High School Odessa High School
04.04412 - Building Automation Technologist	Howard High School of Technology
04.04618 - DTCC Construction Machinery Operator	Appoquinimink High School Middletown High School Odessa High School
5 - Digital Technology	
5.01 - Unmanned Vehicle Technology	
5.02 - Network Systems & Cybersecurity	
05.02402 - IT Operations & Cybersecurity Track	Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology
05.02404 - Information Technology and Networking	Howard High School of Technology
05.02802 - Cisco Networking Academy	Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology Sussex Technical High School
5.03 Software Solutions	
05.03500 - Programming and Software Development - MS	Milford Central Academy
5.04 - IT Support & Services	
05.04403 - Computer Network Support Technician	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School St. Georges Technical High School
05.04406 - Information Technology Academy	Delcastle ILC Delcastle Technical High School St. Georges Technical High School
5.05 - Data Science & AI	
05.05302 - Computer and Information Sciences	Sussex Central High School
05.05303 - Computer Science - SAAS	Sussex Academy
05.05305 - Computer Science	Appoquinimink High School Middletown High School Odessa High School Providence Creek Academy
05.05401 - Computer Engineering Technology - PolyT	POLYTECH High School
05.05405 - Computer Science & Technology Academy - NCCVT	Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology
05.05501 - Computer Science - MS	Beacon Middle School Bedford (Gunning) Middle School

	Cantwells Bridge Middle School Chipman (W.T.) Middle School Christiana High School Conrad Schools of Science Dover Air Force Base Middle School F. Niel Postlethwait Middle School Fred Fifer III Middle School Frederick D Thomas Middle School Gauger-Cobbs Middle School Georgetown Middle School Kirk (George V.) Middle School Magnolia Middle School Mariner Middle School Maurice Pritchett SR. Academy McCullough (Calvin R.) Middle School Meredith (Everett) Middle School Middle School of Excellence Middle School of Innovation Newark Charter School Redding (Louis L.) Middle School Selbyville Middle School Shue-Medill Middle School Skyline Middle School Springer Middle School Stanton Middle School Sussex Central Middle Talley Middle School The Bayard School Waters (Alfred G.) Middle School duPont (Alexis I.) Middle School duPont (H.B.) Middle School duPont (Pierre S.) Middle School
05.05601 - Computer Science	ASPIRA Academy Appoquinimink High School Brandywine High School Caesar Rodney High School Cape Henlopen High School Charter School of Wilmington Christiana High School Concord High School Conrad Schools of Science Dickinson (John) School Dover High School Glasgow High School Indian River High School Lake Forest High School MOT Charter School Middletown High School Mount Pleasant High School

	Newark Charter School Newark High School Odessa High School Odyssey Charter School Penn (William) High School Smyrna High School Woodbridge High School
5.06 - Web & Cloud	
6 - Education	
6.01 - Early Childhood Development	
06.01402 - Certified Child Care Teacher	St. Georges Technical High School Sussex Technical High School
06.01805 - Early Childhood Teacher Academy (6 cr)	POLYTECH High School
6.02 - Education Administration & Leadership	
06.02301 - Education & Leadership	Appoquinimink High School Middletown High School Odessa High School
06.02501 - Education & Leadership - MS	Cantwells Bridge Middle School Meredith (Everett) Middle School Redding (Louis L.) Middle School Waters (Alfred G.) Middle School
6.03 - Learner Support & Community Engagement	
6.04 - Teaching, Training, & Facilitation	
06.04500 - Education: Teacher Academy MS	Chipman (W.T.) Middle School Christiana High School Clayton Middle School Dover Air Force Base Middle School F. Niel Postlethwait Middle School Fred Fifer III Middle School Gauger-Cobbs Middle School Kent County Secondary ILC Kirk (George V.) Middle School Laurel Middle School Magnolia Middle School Maurice Pritchett SR. Academy Middle School of Excellence Middle School of Innovation Milford Central Academy Seaford Middle School Shue-Medill Middle School Smyrna Middle School Springer Middle School Talley Middle School The Bayard School Woodbridge Middle School duPont (Alexis I.) Middle School duPont (H.B.) Middle School duPont (Pierre S.) Middle School

06.04602 - Delaware Teacher Academy	ASPIRA Academy
	Brandywine High School
	Caesar Rodney High School
	Cape Henlopen High School
	Christiana High School
	Concord High School
	Delmar High School
	Dover High School
	Glasgow High School
	Indian River High School
	Lake Forest High School
	Laurel Senior High School
	McKean (Thomas) High School
	Milford Senior High School
	Mount Pleasant High School
	Newark High School
	Odyssey Charter School
	Penn (William) High School
	Seaford Senior High School
	Smyrna High School
	Sussex Central High School
	Woodbridge High School
	duPont (Alexis I.) High School
06.04802 - Delaware Teacher Academy - Tech	Delcastle Technical High School
	Howard High School of Technology
	POLYTECH High School
	St. Georges Technical High School
	POLYTECH High School
7 - Energy & Natural Resources	
7.01 - Conservation & Land Management	
07.01301 - Natural Resources & Environmental Science	Sussex Academy
07.01302 - Environmental Science and Natural Resources	Appoquinimink High School
	Middletown High School
	Odessa High School
07.01303 - Natural Resource Management- APPO	Appoquinimink High School
	Middletown High School
	Odessa High School
07.01402 - Natural Resources & Environmental Science - Tech	Hodgson (Paul M.) Vocational Technical High School
07.01601 - Environmental and Natural Resource Science	Dover High School
	McKean (Thomas) High School
	Penn (William) High School
	Seaford Senior High School
	Smyrna High School
07.01603 - Natural Resource Management	Cape Henlopen High School
	Sussex Central High School
07.01804 - Environmental Science and Natural Resources	POLYTECH High School
8 - Financial Services	
8.01 - Financial Strategy & Investments	

08.01301 - Finance - IR	Indian River High School
08.01401 - Financial Management Services	Howard High School of Technology
08.01601 - Academy of Finance (AOF)	Caesar Rodney High School Delmar High School Dover High School Glasgow High School Indian River High School Lake Forest High School Laurel Senior High School Milford Senior High School Newark High School Penn (William) High School Smyrna High School Sussex Central High School Woodbridge High School duPont (Alexis I.) High School
8.02 - Accounting	
08.04302 - Accounting - Local	Cape Henlopen High School Smyrna High School
08.04402 - Accounting - Tech	Hodgson (Paul M.) Vocational Technical High School Sussex Technical High School
8.03 - Insurance	
8.04 - Real Estate	
8.05 - Banking & Credit	
08.05300 - Business	Appoquinimink High School Christiana High School Glasgow High School Middletown High School Newark High School Odessa High School
08.05303 - Banking Services	Appoquinimink High School Christiana High School Glasgow High School Middletown High School Newark High School Odessa High School
9 - Health & Human Services	
9.01 - Behavioral & Mental Health	
9.02 - Health Data & Administration	
09.02308 - Medical Assistant	Penn (William) High School Sussex Central High School
09.02402 - Medical Assistant - Tech	Howard High School of Technology POLYTECH High School Sussex Technical High School
09.02405 - Medical Lab Assistant - Tech	Delcastle Technical High School St. Georges Technical High School
09.02413 - Medical Assisting - Polytech	POLYTECH High School
09.02417 - Medical Insurance Certified Coder	Hodgson (Paul M.) Vocational Technical High School

	St. Georges Technical High School
9.03 - Physical Health	
09.03301 - Healthcare Science	Appoquinimink High School Middletown High School Odessa High School
09.03303 - Healthcare Technician	Penn (William) High School
09.03305 - Pharmacy Technician	Laurel Senior High School
09.03309 - Nurse Assistant	Conrad Schools of Science
09.03401 - Dental Assistant	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology POLYTECH High School Sussex Technical High School
09.03403 - Nurse Assistant - Tech	Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology POLYTECH High School Sussex Technical High School
09.03404 - Physical Therapy Aide	Conrad Schools of Science POLYTECH High School St. Georges Technical High School Sussex Technical High School
09.03406 - Surgical Technician	Delcastle Technical High School
09.03408 - Health Diagnostics and Technology	Delcastle Technical High School
09.03409 - Nurse Assisting	POLYTECH High School
09.03411 - Surgical Technology/Technologist	Delcastle Technical High School
09.03412 - Exercise Science & Wellness - NCCVT	Delcastle Technical High School Howard High School of Technology
09.03414 - Surgical Technology/Technologist	Hodgson (Paul M.) Vocational Technical High School
09.03500 - Health Science	Christiana High School Clayton Middle School Conrad Schools of Science Kirk (George V.) Middle School Middle School of Excellence Middle School of Innovation Milford Central Academy Smyrna Middle School
09.03600 - Healthcare Technician	McCullough (Calvin R.) Middle School
09.03607 - Allied Health	Appoquinimink High School Cape Henlopen High School Christiana High School Delmar High School Dickinson (John) School Glasgow High School Indian River High School Lake Forest High School Middletown High School Milford Senior High School Newark High School

	Odessa High School Odyssey Charter School Smyrna High School Sussex Central High School duPont (Alexis I.) High School
09.03610 - Nurse Assisting	Conrad Schools of Science Dover High School Indian River High School Woodbridge High School
09.03613 - Patient Care Assistant	Brandywine High School Caesar Rodney High School Concord High School Indian River High School McKean (Thomas) High School Milford Senior High School Mount Pleasant High School Penn (William) High School Woodbridge High School
09.03614 - Emergency Medical Services	Christiana High School Glasgow High School Milford Senior High School Newark High School
9.04 - Biotechnology Research & Development	
09.04304 - Biomedical Sciences	Appoquinimink High School Brandywine High School Concord High School Middletown High School Mount Pleasant High School Odessa High School Penn (William) High School
09.04415 - Biomedical Sciences	Hodgson (Paul M.) Vocational Technical High School
09.04418 - Biopharma Science & Manufacturing	St. Georges Technical High School
09.04602 - Biomedical Sciences	Brandywine High School Concord High School Conrad Schools of Science Glasgow High School Laurel Senior High School Mount Pleasant High School Odyssey Charter School
9.05 - Community & Social Services	
09.05303 - Public and Community Health	Appoquinimink High School Middletown High School Odessa High School
09.05501 - Biomedical Sciences - MS	Cantwells Bridge Middle School Laurel Middle School Meredith (Everett) Middle School Redding (Louis L.) Middle School Waters (Alfred G.) Middle School
09.05603 - Public and Community Health	ASPIRA Academy

	Lake Forest High School Milford Senior High School Seaford Senior High School
9.06 - Personal Care Services	
09.06416 - Licensed Cosmetologist	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology POLYTECH High School Sussex Technical High School
10 - Hospitality, Events, & Tourism	
10.1 - Accommodations	
10.2 - Culinary & Food Services	
10.02302 - Culinary Arts	Dickinson (John) School
10.02403 - Baking & Pastry Arts Program	St. Georges Technical High School
10.02503 - Culinary & Hospitality Management - MS	Beacon Middle School Chipman (W.T.) Middle School Frederick D Thomas Middle School Laurel Middle School Mariner Middle School Milford Central Academy Read (George) Middle School Seaford Middle School duPont (Alexis I.) Middle School
10.02604 - Hospitality, Events, & Tourism	ASPIRA Academy Appoquinimink High School Brandywine High School Caesar Rodney High School Cape Henlopen High School Christiana High School Delmar High School Dover High School Glasgow High School Indian River High School Kent County Secondary ILC Lake Forest High School Laurel Senior High School McKean (Thomas) High School Middletown High School Milford Senior High School Mount Pleasant High School Newark High School Odessa High School Penn (William) High School Seaford Senior High School Smyrna High School duPont (Alexis I.) High School
10.02804 - Culinary & Hospitality Management - 6 credit	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School

	Howard High School of Technology POLYTECH High School St. Georges Technical High School
10.02806 - Hospitality, Events, & Tourism - Tech	Delcastle Technical High School
10.3 - Conference & Events	
10.03503 - Hospitality, Events, & Tourism - MS	Christiana High School Clayton Middle School Dover Air Force Base Middle School F. Niel Postlethwait Middle School Fred Fifer III Middle School Gauger-Cobbs Middle School Kent County Secondary ILC Kirk (George V.) Middle School Magnolia Middle School Maurice Pritchett SR. Academy Middle School of Excellence Middle School of Innovation Read (George) Middle School Shue-Medill Middle School Smyrna Middle School Springer Middle School Talley Middle School The Bayard School duPont (H.B.) Middle School duPont (Pierre S.) Middle School
10.4 - Travel & Leisure	
11 - Management & Entrepreneurship	
11.01 - Leadership & Operations	
11.01400 - Business, Marketing, & Finance	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School St. Georges Technical High School
11.01401 - Business, Marketing, & Finance - Polytech	POLYTECH High School
11.01402 - Business & Corporate Management	Delcastle Technical High School St. Georges Technical High School
11.01502 - Business - MS	Bedford (Gunning) Middle School Brandywine Springs School Calloway (Cab) School of the Arts Cantwells Bridge Middle School Chipman (W.T.) Middle School Christiana High School Clayton Middle School Conrad Schools of Science Delmar Middle School Dover Air Force Base Middle School F. Niel Postlethwait Middle School Fred Fifer III Middle School Gauger-Cobbs Middle School Georgetown Middle School

	Kirk (George V.) Middle School Laurel Middle School MOT Charter School Magnolia Middle School Maurice Pritchett SR. Academy McCullough (Calvin R.) Middle School Meredith (Everett) Middle School Middle School of Excellence Middle School of Innovation Milford Central Academy Newark Charter School Odyssey Charter School Read (George) Middle School Redding (Louis L.) Middle School Seaford Middle School Selbyville Middle School Shue-Medill Middle School Skyline Middle School Smyrna Middle School Springer Middle School Stanton Middle School Sussex Central Middle Talley Middle School The Bayard School Waters (Alfred G.) Middle School Woodbridge Middle School duPont (Alexis I.) Middle School duPont (H.B.) Middle School duPont (Pierre S.) Middle School
11.01601 - Business, Innovation, and Leadership	Indian River High School Sussex Central High School
11.02 - Entrepreneurship & Small Business	
11.02305 - JA Entrepreneurship, Business & Leadership	Appoquinimink High School Dickinson (John) School Middletown High School Odessa High School Seaford Senior High School
11.03 - Business Information Management	
11.03403 - Digital Business Communication	St. Georges Technical High School
11.03602 - Academy of Business Information Management	ASPIRA Academy Caesar Rodney High School Christiana High School Delaware Military Academy Glasgow High School Lake Forest High School Milford Senior High School Odyssey Charter School Penn (William) High School Smyrna High School

	duPont (Alexis I.) High School
11.04 - Project Management	
11.05 - Regulations	
12 - Marketing & Sales	
12.01 - Marketing & Advertising	
12.01302 - Marketing Management	Indian River High School
12.01602 - Marketing Today 3 cr.	Brandywine High School
	Caesar Rodney High School
	Cape Henlopen High School
	Christiana High School
	Concord High School
	Delmar High School
	Dover High School
	Glasgow High School
	Kent County Secondary ILC
	MOT Charter School
	McKean (Thomas) High School
	Mount Pleasant High School
	Newark Charter School
	Newark High School
	Penn (William) High School
	Seaford Senior High School
	Smyrna High School
	Sussex Central High School
	duPont (Alexis I.) High School
12.02 - Market Research, Analytics, & Ethics	
12.03 - Retail & Customer	
12.04 - Experience	
12.05 - Strategic Sales	
13 - Public Service & Safety	
13.01 - Public Safety	
13.01301 - Forensic Science - FSMA	First State Military Academy
13.02 Emergency Response	
13.02401 - Emergency Medical Technician	St. Georges Technical High School
13.02402 - Fire Science and Rescue	Delcastle Technical High School
13.02601 - Emergency Medical Services	Dover High School
13.02601 - Emergency Medical Services	Kent County Secondary ILC
13.03 - Local, State, & Federal Services	
13.04 - Military & National Security	
13.05 - Judicial Systems	
13.05302 - Legal Studies- Sussex Central	Sussex Central High School
13.05303 - Legal Studies-Brandywine	Brandywine High School
	Concord High School
	Mount Pleasant High School
13.05304 - Legal Studies - Smyrna	Smyrna High School
13.05305 - Criminal Justice and Legal Issues	Appoquinimink High School
	Middletown High School

	Odessa High School
13.05403 - Legal Administrative Assistant	Howard High School of Technology
13.05404 - Legal Support Services	Howard High School of Technology POLYTECH High School Sussex Technical High School
14 - Supply Chain & Transportation	
14.01 - Air & Space Transportation	
14.01301 - Aerospace - Apppo	Appoquinimink High School Middletown High School Odessa High School
14.02 - Ground & Rail Transporation	
14.03 - Marine Transportation	
14.04 - Planning & Logistics	
14.05 - Maintenance & Repair	
14.05307 - Automobile Technician	Dickinson (John) School duPont (Alexis I.) High School
14.05308 - Auto Tech Pre-Apprenticeship Program (4 Credit)	McKean (Thomas) High School
14.05402 - Automobile Technician - Tech	POLYTECH High School St. Georges Technical High School Sussex Technical High School
14.05403 - Automotive & Light Truck Diesel Technician	Howard High School of Technology
14.05404 - Auto Body Technician	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology
14.05405 - Small Engine Mechanic	Howard High School of Technology
14.05406 - Aircraft Powerplant Technician	Delcastle Technical High School
14.05809 - Automotive Technology - Tech	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology POLYTECH High School St. Georges Technical High School Sussex Technical High School
14 & 15 - Career Experiences	
15.01 - Work- Based Learning Practicum	
15.01601 - Work Based Learning	ASPIRA Academy Appoquinimink High School Brandywine High School Caesar Rodney High School Calloway (Cab) School of the Arts Cape Henlopen High School Christiana High School Concord High School Conrad Schools of Science Delaware Military Academy Delmar High School Dickinson (John) School Dover High School Glasgow High School

	Indian River High School Kent County Secondary ILC Lake Forest High School Laurel Senior High School MOT Charter School McKean (Thomas) High School Middletown High School Milford Senior High School Mount Pleasant High School Newark Charter School Newark High School Odessa High School Odyssey Charter School Penn (William) High School Seaford Senior High School Smyrna High School Sussex Central High School Woodbridge High School duPont (Alexis I.) High School
15.01802 - Work Based Learning-Tech	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology POLYTECH High School St. Georges Technical High School Sussex Technical High School
15.02 - Early Career Experience	
15.02501 - Early Career Experience -MS	Bedford (Gunning) Middle School Calloway (Cab) School of the Arts Cantwells Bridge Middle School Chipman (W.T.) Middle School Clayton Middle School Conrad Schools of Science Gauger-Cobbs Middle School Kent County Secondary ILC Kirk (George V.) Middle School Maurice Pritchett SR. Academy McCullough (Calvin R.) Middle School Meredith (Everett) Middle School Middle School of Excellence Middle School of Innovation Milford Central Academy Read (George) Middle School Redding (Louis L.) Middle School Seaford Middle School Shue-Medill Middle School Skyline Middle School Smyrna Middle School Stanton Middle School The Bayard School

	Waters (Alfred G.) Middle School Woodbridge Middle School duPont (Alexis I.) Middle School duPont (H.B.) Middle School
15.02603 - Early Career Experience	ASPIRA Academy Appoquinimink High School Brandywine High School Caesar Rodney High School Calloway (Cab) School of the Arts Cape Henlopen High School Christiana High School Concord High School Conrad Schools of Science Delaware Military Academy Dickinson (John) School Dover High School Glasgow High School Indian River High School Kent County Secondary ILC Lake Forest High School Laurel Senior High School McKean (Thomas) High School Middletown High School Milford Senior High School Mount Pleasant High School Newark Charter School Newark High School Odessa High School Odyssey Charter School Penn (William) High School Seaford Senior High School Smyrna High School Sussex Central High School duPont (Alexis I.) High School
15.02804 - Early Career Experience - Tech	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology St. Georges Technical High School Sussex Technical High School
15.03801 - Career Seminar Course	Delcastle Technical High School Hodgson (Paul M.) Vocational Technical High School Howard High School of Technology POLYTECH High School St. Georges Technical High School Sussex Technical High School
16.01 - Specialized Technical Experience	
16.01501 - Specialized Technical Experience - MS	Brennen School (The) Caesar Rodney High School Cape Henlopen High School

	Chipman (W.T.) Middle School Delaware School for the Deaf School (DSD) Ennis (Howard T.) School Gauger-Cobbs Middle School Kirk (George V.) Middle School Maurice Pritchett SR. Academy Middle School of Excellence Middle School of Innovation Seaford Middle School Shue-Medill Middle School The Bayard School
16.01601 - Specialized Technical Experience	Brennen School (The) Caesar Rodney High School Cape Henlopen High School Christiana High School Delaware School for the Deaf School (DSD) Dickinson (John) School Dover High School Ennis (Howard T.) School Glasgow High School Kent County Secondary ILC Laurel Senior High School McKean (Thomas) High School Milford Senior High School Newark High School REACH/CBIP Smyrna High School duPont (Alexis I.) High School