



NORTH CAROLINA COMMUNITY COLLEGE SYSTEM

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Interim President

NUMBERED MEMO CC22-046

TO: Senior Continuing Education Administrators

FROM: Nate Humphrey
Associate Vice President, Workforce and Continuing Education Programs

SUBJECT: State Board WCE & CCR Course Approvals

DATE: September 27, 2022

On September 16, 2022, the State Board approved the below Workforce Continuing Education and College and Career Readiness courses for modification in the Combined Course Library. Attached is detailed information for each course.

Colleges are reminded that new and modified courses must be downloaded to the local course library (XUIC) and applied to local course copies (XULU). These processes are a mandatory workflow following all State Board changes to the Combined Course Library. Staff requiring assistance on the course download/update process should access the “Curriculum Management for Continuing Education User Guide” ([KB0010403](#)) in [ServiceNow](#) for a step-by-step guide.

New Courses (25)

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
ACM 3100	Animal Care and Handling (Dog Grooming)	288	C30 Agriculture & Natural Resources	2
APP 3310	Apprentice: Glazier	545	X35 Work Based Learning	1B
BAF 3310	Security Industry Essentials	96	F25 Banking, Finance, & Marketing	2
BSP 6001	Armed Forces Career Pathways	80	A20 Basic Skills	3

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
CSC 3111	Intro to Ethical Hacking	48	F30 Computer Training	3
CSC 3211	Ethical Hacking with Python I	96	F30 Computer Training	1B
CSC 3212	Ethical Hacking with Python II	96	F30 Computer Training	1B
CSC 3223	Ethical Hacking with Python I & II	160	F30 Computer Training	1B
CSC 3222	Eth Hack Mob Dev Using Python	96	F30 Computer Training	1B
CTS 3137	Google Project Management I	96	F30 Computer Training	1B
CTS 3237	Google Project Management II	96	F30 Computer Training	1B
CTS 3274	Google Project Management I & II	160	F30 Computer Training	1B
CUL 3340	Culinary Fundamentals and Skills	176	T30 Culinary Arts	1B
DBA 3118	Google Data Analytics I	112	F30 Computer Training	2
DBA 3218	Google Data Analytics II	96	F30 Computer Training	2
DBA 3236	Google Data Analytics I & II	192	F30 Computer Training	2
EDU 3146	Child Guidance	48	J30 Teacher Professional Development	3
GIS 3312	Foundations of GIS & Applications	256	F30 Computer Training	1B
HPT 3200	Historical Carpentry	192	T75 Service Occupations	1B
HPT 3300	Historical Construction Methods	224	T75 Service Occupations	1B

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
HPT 3400	Historical Specialized Trades	368	T75 Service Occupations	1B
NET 3125	Introduction to Networks	96	F30 Computer Training	1B
NET 3126	Switching and Routing	96	F30 Computer Training	1B
NET 3225	Enterprise Networking	96	F30 Computer Training	1B
NET 3276	Networking, Switching, Routing, and Enterprise Networking	240	F30 Computer Training	1B

Modified Courses (4)

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
BPR 3011	Blueprint Reading	Current 72 Modified 192	H30 Construction & Skill Trades	3
HEA 3010	Fitness Instructor Preparation	Current 50 Modify 100	L30 Health Occupations	3
HEA 3121	NC Community Health Worker	Current 96 Modify 144	L30 Health Occupations	2
TXY 3407	Fundamentals of Taxidermy	Current 158 Modified 320	C30 Agriculture/Natural Resources	3

If you have questions concerning these courses, see the contact person listed on the attachment. If you have questions regarding the process for submitting a new course or requesting a modification to an existing course in the CCL, contact Workforce and Continuing Education Programs at WCERequests@nccommunitycolleges.edu.

CC: Dr. Levy Brown, SVP & CAO
 Dr. Lisa Eads, AVP
 Chief Academic Officers
 Continuing Education Registrars

Registrars
 System Administrators
 Planners

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 1 of 25

Requesting College or Agency: Cape Fear Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
ACM 3100	Animal Care and Handling (Dog Grooming)	288	C30 Agriculture & Natural Resources	2

Description: The course educates students with the necessary skills to provide entry-level animal care and handling, including grooming. Coursework includes lectures and hands-on labs. Students will learn various care, handling, and grooming techniques and services, animal anatomy, animal first aid, and psychology. This course meets the training requirements for students to earn the Professional Groomer Credential through the World Pet Association.

Aligned Credential(s) WPA: Professional Groomer Credential

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 2 of 25

Requesting College or Agency: Wake Technical Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
APP 3310	Apprentice: Glazier	545	X35 Work Based Learning	1B

Description: The course is designed to meet the requirements and standards established by a registered apprenticeship program on file and registered with ApprenticeshipNC for glazier workers.

Aligned Credential(s) ApprenticeshipNC: Journey Level Credential

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 3 of 25

Requesting College or Agency: Wake Technical Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
BAF 3310	Security Industry Essentials	96	F25 Banking, Finance, & Marketing	2

Description: This course is designed to provide a basic knowledge of the securities industry. Emphasis is placed on industry terminology, securities products, the structure and function of the markets, regulatory agencies and their function, and regulated and prohibitive practices. Upon completion, students should possess knowledge fundamental to working in the industry and be prepared for entry-level certifications

Aligned Credential(s) Financial Industry Regulatory Authority (FINRA): Security Industry Essentials

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 4 of 25

Requesting College or Agency: System Office, Randolph CC, Fayetteville Technical CC

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
BSP 6001	Armed Forces Career Pathways	80	A20 Basic Skills	3

Description: This course is designed to be a Basic Skills review course; upon completion, students should be prepared to take the Armed Services Vocational Aptitude Battery (ASVAB) examination required for entry into the Armed Forces. Mathematics topics will include number concepts; computation; word problems; ratio and proportion; percent; equations; inequalities; polynomials; factoring; rational expressions/equations; and graphing. English/Language skills topics will include reading comprehension (main idea, supporting details, sequence); and grammar/writing (complete sentences, sentence combining, parallel structure, punctuation). The course will review test-taking techniques, the development of positive self-concepts, and problem-solving/critical thinking skills.

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for New Course 5 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
CSC 3111	Intro to Ethical Hacking	48	F30 Computer Training	3

Description: This course introduces computer programming students to the foundations of ethical hacking. Topics include security policies, common vulnerabilities, penetration testing methodology, and hacking concepts using computer programming and scripting techniques. Upon completion, students should be able to describe the computer programming aspects of ethical hacking in an organization's overall security framework.

Request for New Course 6 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
CSC 3211	Ethical Hacking with Python I	96	F30 Computer Training	1B

Description: This course covers advanced investigative ethical hacking techniques using the Python programming language. Emphasis is placed on advanced web attacks with Python, scanning, maintaining access, covering tracks, malware delivery, password cracking, and keylogging with Python. Upon completion, students should be able to evaluate and mitigate system vulnerabilities and threats using the Python computer programming language.

Aligned Credential(s) Google IT Automation with Python Certificate (Part 1 of 2)

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for New Course 7 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
CSC 3212	Ethical Hacking with Python II	96	F30 Computer Training	1B

Description: This course introduces students to investigative ethical hacking techniques using the Python programming language. Emphasis is placed on using Python in gaining system access, cryptography, reconnaissance, enumeration, and buffer overflows. Upon completion, students should be able to understand system vulnerabilities and applications of the Python computer programming language to ethical hacking.

Aligned Credential(s) Google IT Automation with Python Certificate (Part 2 of 2)

Request for New Course 8 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
CSC 3223	Ethical Hacking with Python I & II	160	F30 Computer Training	1B

Description: This course introduces students to investigative ethical hacking techniques using the Python programming language. Emphasis is placed on using Python in advanced web attacks, scanning, gaining and maintaining system access, covering tracks, malware delivery, password cracking, keylogging, cryptography, reconnaissance, enumeration, and buffer overflows. Upon completion, students should be able to understand system vulnerabilities and applications of the Python computer programming language to mitigate system vulnerabilities and threats and perform ethical hacking.

Aligned Credential(s) Google IT Automation with Python Certificate (Parts 1 & 2 of 2)

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 9 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
CSC 3222	Eth Hack Mob Dev Using Python	96	F30 Computer Training	1B

Description: This course introduces students to mobile ethical hacking techniques using the Python programming language. Emphasis is placed on mobile device attacks, scanning, maintaining access, covering tracks, malware delivery, password cracking, and keylogging with Python. Upon completion, students should be able to evaluate and mitigate system vulnerabilities and threats on mobile devices using the Python computer programming language.

Aligned Credential(s) Google IT Automation with Python Certificate

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 10 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
CTS 3137	Google Project Management I	96	F30 Computer Training	1B

Description: This course introduces students to the concepts, tools, templates, and artifacts used to manage projects from initiation to completion using Google resources. Emphasis is placed on foundational project management methodology including initiating, planning and executing projects utilizing quality and risk management techniques, strategic thinking and project execution procedures. Upon completion, students should be able to manage and execute projects from initiation to completion using a variety of resources and leadership skills to support organizational goals and business processes. When offered as a two-course sequence leading to the Google Project Management Certificate, this course represents course one of two.

Aligned Credential(s) Google Project Management Certificate (Part 1 of 2)

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for New Course 11 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
CTS 3237	Google Project Management II	96	F30 Computer Training	1B

Description: This course introduces students to the advanced concepts, tools, templates, and artifacts used to manage projects from initiation to completion using Google resources through Agile development. Emphasis is placed on advanced project management methodology including initiating, planning, and executing projects as well as the exploration of Agile Project Management and the strategies it uses to drive business value. Upon completion, students should be able to manage and run traditional and agile projects and programs from initiation to completion using a variety of resources and leadership skills to support organizational goals and business processes. When offered as a two-course sequence leading to the Google Project Management Certificate, this course represents course two of two.

Aligned Credential(s) Google Project Management Certificate (Part 2 of 2)

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 12 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
CTS 3274	Google Project Management I & II	160	F30 Computer Training	1B

Description: This course introduces students to the advanced concepts, tools, templates, and artifacts used to manage projects from initiation to completion using Google resources through Agile development. Emphasis is placed on foundational and advanced project management methodology including initiating, planning, and executing projects utilizing quality and risk management techniques, strategic thinking, and project execution procedures as well as the exploration of Agile Project Management and the strategies it uses to drive business value. Upon completion, students should be able to manage and run traditional and agile projects and programs from initiation to completion using a variety of resources and leadership skills to support organizational goals and business processes.

Aligned Credential(s) Google Project Management Certificate (Parts 1 & 2 of 2)

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 13 of 25

Requesting College or Agency: Brunswick Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
CUL 3340	Culinary Fundamentals and Skills	176	T30 Culinary Arts	1B

Description: This course introduces the fundamental concepts, skills, and techniques in basic cookery, including moist, dry, and combination heat. Emphasis is placed on safe food/equipment handling, nutrition, recipe conversion, measurements, terminology, classical knife cuts, flavorings/seasonings, stocks/sauces/soups, and related topics. Upon completion, students should be able to exhibit the basic cooking skills used in the food service industry.

Aligned Credential(s) American Culinary Foundation: Culinary Arts Cook Certification
NOCTI: Culinary Arts Prep Cook

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 14 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
DBA 3118	Google Data Analytics I	112	F30 Computer Training	2

Description: This course introduces the role of a Google data analyst and how to make data-driven decisions using effective questions, data transformation, and analyzation processes. Emphasis is placed on setting up a data toolbox, spreadsheets, database and query basics, visualization basics, effective communication techniques, and data validation. Upon completion, students should be able to review assessments, use formulas and calculations to analyze datasets, create queries, use visualization tools and communicate effectively with stakeholders. When offered as a two-course sequence leading to the Google Data Analytics Certificate, this course represents course one of two.

Aligned Credential(s) Google Data Analytics Certificate (Part 1 of 2)

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 15 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
DBA 3218	Google Data Analytics II	96	F30 Computer Training	2

Description: This course introduces the role of an advanced Google data analyst and how to make data-driven decisions using effective questions, data transformation, analyzation processes, visualization and programming. Emphasis is placed on setting up a design thinking, data-driven storytelling, dashboards, R programming, job portfolios, and technical expertise. Upon completion, students should be able to create a data-driven storyboard, develop dashboards and presentations, create analytical reports using R, and showcase technical analytical skills. When offered as a two-course sequence leading to the Google Data Analytics Certificate, this course represents course two of two.

Aligned Credential(s) Google Data Analytics Certificate (Part 2 of 2)

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for New Course 16 of 25

Requesting College or Agency: System Office & College Partners

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
DBA 3236	Google Data Analytics I & II	192	F30 Computer Training	2

Description: This course introduces the role of an advanced Google data analyst and how to make data-driven decisions using effective questions, data transformation, analyzation processes, visualization, and programming. Emphasis is placed on setting up data toolbox, spreadsheets, database and query basics, visualization basics, effective communication techniques, and data validation; as well as design thinking, data-driven storytelling, dashboards, R programming, job portfolios, and technical expertise. Upon completion, students should be able to review assessments, use formulas and calculations to analyze datasets, create queries, use visualization tools, create a data-driven storyboard, develop dashboards and presentations, create analytical reports using R, communicate effectively with stakeholders, and showcase technical analytical skills.

Aligned Credential(s) Google Data Analytics Certificate (Parts 1 & 2 of 2)

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for New Course 17 of 25

Requesting College or Agency: Randolph Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
EDU 3146	Child Guidance	48	J30	3

Description: This course introduces evidence-based strategies to build nurturing relationships with each child by applying principles and practical techniques to facilitate developmentally appropriate guidance. Topics include designing responsive/supportive learning environments, cultural, linguistic, and socio-economic influences on behavior, appropriate expectations, the importance of communication with children/families, including using technology, and the use of formative assessments in establishing intentional strategies for children with unique needs. Upon completion, students should be able to demonstrate direct/indirect strategies to encourage social skills, self-regulation, emotional expression, and positive behaviors while recognizing the relationship between children's social, emotional, and cognitive development. Note: Students enrolled in pathways governed by the Early Childhood Education Uniform Articulation Agreement (ECUAA) are not eligible for credit for prior learning (CPL).

Important Note: While SBCCC 1D 800 Credit for Prior Learning provides that colleges *may* award curriculum CPL, colleges may only award curriculum CPL directly applicable to a student's declared curriculum program of study. Colleges are reminded that SBCCC 1D 800.2(n) notes it is possible that CPL may not be transferable to UNC System constituent institutions. Furthermore, UNC System institutions may request documentation to determine potential course credit. Colleges should encourage students to consult a UNC System transfer advisor before using these CPL sources to attain credit at a community college institution. This is especially important for pathways regulated by local and uniform articulation agreements.

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 18 of 25

Requesting College or Agency: Cape Fear Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
GIS 3312	Foundations of GIS & Applications	256	F30 Computer Training	1B

Description: This course introduces the hardware and software components of a Geographic Information System and reviews GIS applications; provides experience in operational and management issues in designing and implementing GIS/GPSs for use in planning, management, analysis, and locational decision making. Topics include data structures and basic functions, methods of data capture and sources of data, and the nature and characteristics of spatial data and objects; applications in municipal, industrial, and service sectors and the associated planning, legal, national, and global issues with a project emphasizing the student's specialization. Upon completion, students should be able to identify GIS hardware components, typical operations, products/applications, and differences between database models and between raster and vector systems; and design and apply GIS/GPS technologies to solve practical problems.

Aligned Credential(s) ESRI: GIS Fundamentals Foundation 2201

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 19 of 25

Requesting College or Agency: Johnston Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
HPT 3200	Historical Carpentry	192	T75 Service Occupations	1B

Description: This course covers the methods used to construct houses before the 1900s. Topics include the availability of modern materials, carpentry tools, and construction terminology. Upon completion, students will be able to demonstrate restoration techniques and provide examples of unique restoration challenges, solutions specific to historical buildings, and tools used before the twentieth century.

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for New Course 20 of 25

Requesting College or Agency: Johnston Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
HPT 3300	Historical Construction Methods	224	T75 Service Occupations	1B

Description: This course provides a survey of unique challenges associated with historic building preservation. Emphasis is placed on the deterioration of building materials and systems, techniques needed to perform building evaluations, existing condition assessments, and weatherization and stabilization reports. Emphasis is placed on the migration conflicts that may arise from adherence to modern building codes within the context of restoration projects. Topics include OSHA regulations, building codes, HAZMAT, and windows. Upon completion, students should be able to provide examples of unique restoration and solutions specific to historic buildings.

Request for New Course 21 of 25

Requesting College or Agency: Johnston Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
HPT 3400	Historical Specialized Trades	368	T75 Service Occupations	1B

Description: This course will introduce students to the historic masonry techniques, plaster, painting, and roofing of historic properties. Topics include mortar analysis, material selection, installation of slate, wood, clay composition, built-up asphaltic, application painting, paint removal techniques, bush care, wallpaper, and finishing materials. Upon completion, students should be able to assess surface conditions and utilize methods for choosing, applying, and repairing historical coverings and finishes. Demonstrate basic roofing installation and bond pattern and mortar replication.

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for New Course 22 of 25

Requesting College or Agency: Wake Technical Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
NET 3125	Introduction to Networks	96	F30 Computer Training	1B

Description: This course introduces the architecture, structure, functions, components, and models of the Internet and computer networks. Topics include an introduction to the principles of IP addressing and fundamentals of Ethernet concepts, media, and operations. Upon completion, students should be able to build simple LANs, perform basic configurations for routers and switches, and implement IP addressing schemes. When offered as a three-course sequence leading to the Cisco Certified Network Associate (CCNA), this course represents course one of three.

Aligned Credential(s) Cisco Certified Network Associate (CCNA) (Part 1 of 3)

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for New Course 23 of 25

Requesting College or Agency: Wake Technical Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
NET 3126	Switching and Routing	96	F30 Computer Training	1B

Description: This course covers the architecture, components, and operations of routers and switches in small networks and introduces wireless local area networks (WLAN) and security concepts. Emphasis is placed on configuring and troubleshooting routers and switches for advanced functionality using security best practices and resolving common network issues utilizing both IPv4 and IPv6 protocols. Upon completion, students should be able to configure VLANs and Inter-VLAN routing applying security best practices, troubleshoot inter-VLAN routing on Layer 3 devices, configure redundancy on a switched network using STP and EtherChannel, configure WLANs using a WLC and L2 security best practices and configure IPv4 and IPv6 static routing on routers. When offered as a three-course sequence leading to the Cisco Certified Network Associate (CCNA), this course represents course two of three.

Aligned Credential(s) Cisco Certified Network Associate (CCNA) (Part 2 of 3)

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for New Course 24 of 25

Requesting College or Agency: Wake Technical Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
NET 3225	Enterprise Networking	96	F30 Computer Training	1B

Description: This course is designed to cover the architecture, components, operations, and security to scale for large, complex networks, including wide area network (WAN) technologies. Emphasis is placed on configuring, troubleshooting, and securing enterprise network devices and understanding how application programming interfaces (API) and configuration management tools enable network automation. Upon completion, students should be able to configure link state routing protocols, implement ACLs to filter traffic and secure administrative access, configure NAT services on the router to provide address scalability, explain techniques to provide address scalability and secure remote access for WAN, and explain how automation affects evolving networks. When offered as a three-course sequence leading to the Cisco Certified Network Associate (CCNA), this course represents course three of three.

Aligned
Credential(s)

Cisco Certified Network Associate (CCNA) (Part 3 of 3)

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for New Course 25 of 25

Requesting College or Agency: Wake Technical Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
NET 3276	Networking, Switching, Routing, and Enterprise Networking	240	F30 Computer Training	1B

Description: This course is designed to cover the architecture, structure, functions, components, operations, and security of computer networks, including small networks, wireless local area networks (WLAN), and wide area network (WAN) technologies. Emphasis is placed on configuring, troubleshooting, and securing network devices, resolving common network issues utilizing both IPv4 and IPv6 protocols, and understanding how application programming interfaces (API) and configuration management tools enable network automation. Upon completion, students should be able to configure VLANs and Inter-VLAN routing applying security best practices, troubleshoot inter-VLAN routing on Layer 3 devices, configure redundancy on a switched network using STP and EtherChannel, configure WLANs using a WLC and L2 security best practices and configure IPv4 and IPv6 static routing on routers; as well as link state routing protocols, implement ACLs to filter traffic and secure administrative access, configure NAT services on the router to provide address scalability, explain techniques to provide address scalability and secure remote access for WAN, and explain how automation affects evolving networks.

Aligned
Credential(s)

Cisco Certified Network Associate (CCNA) (Part 1, 2, & 3 of 3)

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for Course Modification 1 of 4

Requesting College or Agency: Central Carolina Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
BPR-3011	Blueprint Reading	Current 72 Modified 192	H30 Construction Occupations	3

Description: This course introduces the basic principles of blueprint reading. Topics include line types, orthographic projections, dimensioning methods, and notes. Upon completion, students should be able to interpret basic blueprints and visualize the features of a part.

Request for Course Modification 2 of 4

Requesting College or Agency: Stanly Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
HEA 3010	Fitness Instructor Preparation	Current 50 Modify 100	L30 Health Occupations	3

Description: This course is designed to prepare students for employment as fitness instructors. Objectives of the course are to provide students with a basic understanding of exercise physiology, anatomy, and kinesiology; components of an aerobic exercise class, modifying movements for individual needs, monitoring exercise intensity; low-impact aerobics, teaching techniques for exercise classes; musculoskeletal injuries, emergency procedures and CPR (AHA Certification). An emphasis is placed on the practical application of didactic training. Students are evaluated by both a written and a practical exam. A score of 70 or better is required on each.

Workforce and Continuing Education & College and Career Readiness New Course Approvals, Modifications, and Tier Designations

Request for Course Modification 3 of 4

Requesting College or Agency: Durham Technical Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
HEA 3121	NC Community Health Worker	Current 96 Modify 144	L30 Health Occupations	2

Description: This course is designed to provide individuals with the required knowledge, tools, and resources to become recognized as a certified Community Health Worker (CHW) in North Carolina, working in a variety of healthcare and community settings (Health Departments, Hospitals, Federally Qualified Health Centers, Clinics, Faith-based Organizations, etc.). Instruction is designed to cover the nine core competencies essential to working as a certified CHW, including communication, capacity building, service coordination, interpersonal, advocacy, outreach, and personal/ professional skills. The knowledge base competencies will cover health and social issues that disproportionately impact clients, including but not limited to chronic diseases such as diabetes, asthma, and cancer. Some social issues covered will include safety, emergency preparedness, social isolation, and adverse childhood experiences (ACES). Students will also learn about the changing health care landscape in North Carolina and how to work with their clients in connecting them to resources through NCCARES 360 and others. Upon completing, students will be eligible for listing as a NC Certified Community Health Worker. Course facilitators must complete a train-the-trainer course before providing certification instruction.

Aligned Credential(s) NC Community Health Worker

**Workforce and Continuing Education & College and Career Readiness
New Course Approvals, Modifications, and Tier Designations**

Request for Course Modification 4 of 4

Requesting College or Agency: Montgomery Community College

Course ID	Course Title	Recommended Hours	Program Area	Tier Designation
TXY 3407	Fundamentals of Taxidermy	Current 158 Modified 320	C30 Agriculture/Natural Resources	3

Description: This course is designed for instructional areas related to the fundamental techniques of taxidermy: 1) mounting of small and large game, 2) identification and mounting of birds and fish, 3) animal identification, 4) rebuilding techniques, and 5) specimen posing and natural setting for displays.