

STATE BOARD OF COMMUNITY COLLEGES

**NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
ANNUAL CURRICULUM PROGRAM APPROVAL/TERMINATION
REPORT TO THE GENERAL ASSEMBLY**

The North Carolina Community College System Office is required to submit an annual report on curriculum program approvals and terminations to the North Carolina General Assembly. The attached is a report of curriculum approvals and terminations that were approved by the North Carolina State Board of Community Colleges from January 2015 through December 2015.

Data from December 2015 has been included subject to approval by the State Board at the December 4, 2015 meeting.

Contact:

Lisa Chapman, Ed.D.
Senior Vice President/Chief Academic Officer
Programs and Student Services

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North Carolina Community College System

Curriculum Program Approvals and Terminations January - December 2015

Mr. George Fouts
Interim President

Dr. Lisa M. Chapman
Senior Vice President for Programs and Student Services/Chief Academic Officer

**SBCC
12/04/2015**



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Executive Summary

The State Board is authorized in Rule 1D SBCCC 400.95 to approve programs consistent with the System's mission. The approval processes include curriculum applications (traditional or special) depending on the program type. Community colleges must have State Board of Community Colleges approval to offer a curriculum program prior to implementation.

Approval of curriculum programs is justified by student interest and current and future employment needs within the state. Each college must certify that the program will enhance the workforce of North Carolina, will provide educational and training opportunities consistent with the mission of the college, and will not duplicate the opportunities currently offered. Each college must also certify that they have assessed the need for the program and the resources required to maintain a viable program and that the college can operate the program efficiently and effectively within the resources available to the college.

The college is required to submit a program accountability report that includes items such as student success measures, enrollment trends, completion rates, and employment data three years after implementation of the program.

Colleges may seek approval to offer programs that are new to the System (the curriculum program does not currently exist in the System), or seek approval to offer an established program (the curriculum program is an existing program title within the System).

Instructional Service Agreements (Level III) are utilized when two or more colleges jointly offer a curriculum program. In concordance with Rule 1D SBCCC 400.96 (c), these agreements involve the sharing of resources, may include the sharing of FTE and must be approved by the NC Community College System Office.

From January 2015 through December 2015, a total of **116** curriculum programs were approved and/or reported to the State Board of Community Colleges. Of the **116** approved programs, **88** programs were existing curriculum program titles, **26** programs were under four New-to-the-System program titles, and **2** were Level III Instructional Service Agreements.

The New to the System programs are:

Associate in Engineering (A10500)

(Twenty-three colleges received approval for this new program.)

Breast Sonography (Certificate) (C45490)

(One college received approval for this new program.)

Mission Critical Operations (A40430)

(One college received approval for this new program.)

Musculoskeletal Sonography (Certificate) (C45850)

(One college received approval for this new program.)

Per rule 1D SBCCC 400.95 (b), community colleges shall terminate a curriculum program when there has been zero enrollment for two years or request a one-year extension of the program. From January 2015 through December 2015, the North Carolina Community College System



received program termination requests from **39** colleges. The colleges requested termination of one or more of their curriculum programs resulting in the termination of **155** curriculum programs system-wide.

In April of 2015, the North Carolina Community College System Office implemented an initiative aimed at identification and termination of programs without enrollment. Consultation was provided to colleges to make sure that non-utilized programs were terminated. This resulted in a larger number of programs terminated during 2015 than during a typical year.

Curriculum Program Approvals and Terminations



Curriculum Program Approvals by Type

Traditional Curriculum Program Applications

The traditional curriculum program application process is required for all New-to-the-System curriculum programs and all existing program titles that have not been identified as eligible for the abbreviated process.

New-to-the-System Curriculum Programs Applications 26

Existing Curriculum Programs Applications..... 50

Subtotal: 76

Special Curriculum Program Applications

The State Board of Community Colleges has established an abbreviated or "special application" approval process for existing programs titles that have been identified as necessary to meet an immediate or critical need.

Special Curriculum Program Applications 38

Subtotal: 38

Instructional Service Agreements (Level III)

Instructional Service Agreements (Level III) are utilized when two or more colleges jointly offer a curriculum program. These agreements are approved by the NC Community College System Office, involve the sharing of resources and may include the sharing of FTE.

Instructional Service Agreements (Level III) 2

Subtotal: 2

Total Curriculum Program Approvals.....Grand Total: 116



Traditional Curriculum Program Approvals by Community College (New and Existing Program Titles)

Alamance Community College	1
Mechatronics Engineering Technology (A40350)	
Asheville-Buncombe Technical Community College	5
Associate in Engineering (A10500)*	
Cardiovascular Sonography (A45160)	
Environmental Engineering Technology (A40150)	
Health and Fitness Science (A45630)	
Occupational Therapy Assistant (A45500)	
Bladen Community College	1
Emergency Medical Science (A45340)	
Blue Ridge Community College	1
Associate in Engineering (A10500)*	
Brunswick Community College	2
Associate in Engineering (A10500)*	
Medical Assisting (A45400)	
Cape Fear Community College	2
Baking and Pastry Arts (A55130)	
Interpreter Education (A55300)	
Carteret Community College	1
Human Services Technology (A45380)	
Catawba Valley Community College	1
Associate in Engineering (A10500)*	
Central Carolina Community College	2
Associate in Engineering (A10500)*	
Health Information Technology (A45360)	
Central Piedmont Community College	4
Associate in Engineering (A10500)*	
Biomedical Equipment Technology (A50100)	
Broadcasting and Production Technology (A30120)	
Truck Driver Training (Certificate) (C60300)	
Cleveland Community College	2
Computed Tomography & Magnetic Resonance Imaging (Diploma) (D45200)	
Mission Critical Operations (A40430)*	
Coastal Carolina Community College	1
Associate in Engineering (A10500)*	
College of The Albemarle	3
Associate in Engineering (A10500)*	
Computer-Aided Drafting Technology (A50150)	
Healthcare Business Informatics (A25510)	
Craven Community College	2
Associate in Engineering (A10500)*	
Computer-Aided Drafting Technology (A50150)	
Davidson County Community College	1
Applied Engineering Technology (A40130)	



Durham Technical Community College	1
Associate in Engineering (A10500)*	
Fayetteville Technical Community College	2
Associate in Engineering (A10500)*	
Gunsmithing (A30200)	
Forsyth Technical Community College	2
Associate in Engineering (A10500)*	
Motorcycle Mechanics (A60260)	
Gaston College	2
Associate in Engineering (A10500)*	
Manufacturing Technology (A50320)	
Guilford Technical Community College	1
Associate in Engineering (A10500)*	
Halifax Community College	1
Associate in Engineering (A10500)*	
Isothermal Community College	2
Accounting (A25100)	
Agribusiness Technology (A15100)	
Johnston Community College	2
Associate in Engineering (A10500)*	
Gunsmithing (A30200)	
McDowell Technical Community College	1
Emergency Management (A55460)	
Mitchell Community College	4
Associate in Engineering (A10500)*	
Culinary Arts (A55150)	
Healthcare Management Technology (A25200)	
Mechatronics Engineering Technology (A40350)	
Montgomery Community College	1
Nurse Aide (Certificate) (C45840)	
Nash Community College	2
Associate in Engineering (A10500)*	
Veterinary Medical Technology (A45780)	
Piedmont Community College	1
Mechatronics Engineering Technology (A40350)	
Pitt Community College	5
Associate in Engineering (A10500)*	
Breast Sonography (Certificate) (C45490)*	
Emergency Medical Science (A45340)	
Nurse Aide (Certificate) (C45840)	
Phlebotomy (Certificate) (C45600)	
Richmond Community College	1
Associate in Engineering (A10500)*	
Roanoke-Chowan Community College	1
Emergency Medical Science (A45340)	



Robeson Community College	2
Accounting (A25100)	
Baking and Pastry Arts (A55130)	
Rowan-Cabarrus Community College	1
Emergency Medical Science (A45340)	
Sampson Community College	1
Human Services Technology (A45380)	
Sandhills Community College	1
Associate in Engineering (A10500)*	
South Piedmont Community College	1
Musculoskeletal Sonography (Certificate) (C45850)*	
Southeastern Community College	1
Nurse Aide (Certificate) (C45840)	
Stanly Community College	5
Agribusiness Technology (A15100)	
Air Conditioning, Heating, and Refrigeration Technology (D35100)	
Computer-Integrated Machining (D50210)	
Culinary Arts (A55150)	
Emergency Medical Science (A45340)	
Wake Technical Community College	1
Associate in Engineering (A10500)*	
Wayne Community College	1
Mechatronics Engineering Technology (A40350)	
Wilkes Community College	3
Associate in Engineering (A10500)*	
Cosmetology (A55140)	
Nurse Aide (Certificate) (C45840)	
Wilson Community College	1
Applied Engineering Technology (A40130)	
 Total	 76

**New to the System Program*



**Special Curriculum Program Approvals
by Community College
(Abbreviated Approval Process)**

Bladen Community College	1
Medical Office Administration (A25310)	
Caldwell Community College and Technical Institute	1
Nurse Aide (Diploma) (D45970)*	
Carteret Community College	1
Nurse Aide (Diploma) (D45970)*	
Catawba Valley Community College	1
Emergency Medical Science (Diploma) (D45910)*	
Central Piedmont Community College	6
Cosmetology Instructor (Certificate) (C55160)	
Emergency Medical Science (Diploma) (D45910)*	
Global Logistics and Distribution Management Technology (A25610)	
Medical Assisting (Diploma) (D45920)*	
Nurse Aide (Diploma) (D45970)*	
Pharmacy Technology (Diploma) (D45940)*	
Davidson County Community College	1
Phlebotomy (Diploma) (D45950)*	
Durham Technical Community College	2
Associate in Fine Arts (A10200)	
Nurse Aide (Diploma) (D45970)*	
Edgecombe Community College	1
Nurse Aide (Diploma) (D45970)*	
Fayetteville Technical Community College	1
Global Logistics and Distribution Management Technology (A25610)	
Halifax Community College	2
Nurse Aide (Diploma) (D45970)*	
Phlebotomy (Diploma) (D45950)*	
Martin Community College	1
Associate in Science (A10400)	



Mitchell Community College	1
Welding Technology (A50420)	
Montgomery Community College	1
Computer Technology Integration (A25500)	
Pamlico Community College	1
Human Services Technology/Substance Abuse (A4538E)	
Pitt Community College	2
Nurse Aide (Diploma) (D45970)*	
Phlebotomy (Diploma) (D45950)*	
Randolph Community College	2
Nurse Aide (Diploma) (D45970)*	
Phlebotomy (Diploma) (D45950)*	
Richmond Community College	1
Nurse Aide (Diploma) (D45970)*	
Southeastern Community College	3
Cosmetology Instructor (Certificate) (C55160)	
Nurse Aide (Diploma) (D45970)*	
Phlebotomy (Diploma) (D45950)*	
Stanly Community College	3
Computer Technology Integration (A25500)	
Human Services Technology/Developmental Disabilities (A4538A)	
Welding Technology (D50420)	
Tri-County Community College	1
Industrial Systems Technology (A50240)	
Wake Technical Community College	1
Human Services Technology/Mental Health (A4538C)	
Western Piedmont Community College	2
Nurse Aide (Diploma) (D45970)*	
Phlebotomy (Diploma) (D45950)*	
Wilkes Community College	2
Emergency Medical Science (Diploma) (D45910)*	
Manicuring/Nail Technology (Certificate) (C55400)	
Total	38



**Represents a program major under the Health Science: Therapeutic and Diagnostic Services curriculum standard which requires that the college already have approval for the primary curriculum program. These program majors provide a foundation for success in nursing and the allied health programs and increase the individual's successful completion of Health Science programs while providing the graduate with the skills needed for an entry-level job in health care.*



Curriculum Program Terminations by Community College

Alamance Community College	6
Computer Programming (A25130)	
Electronics Engineering Technology (A40200)	
Industrial Management Technology (A50260)	
Real Estate (A25400)	
Real Estate Appraisal (A25420)	
Real Estate Licensing (Certificate) (C25480)	
Beaufort County Community College	3
Esthetics Technology (Certificate) (C55230)	
Manicuring Instructor (Certificate) (C55380)	
Web Technologies (A25290)	
Bladen Community College	3
Esthetics Instructor (Certificate) (C55270)	
Esthetics Technology (Certificate) (C55230)	
Manicuring/Nail Technology (Certificate) (C55400)	
Blue Ridge Community College	4
Carpentry (Diploma) (D35180)	
Electrical Systems Technology (A35130)	
Manicuring Instructor (Certificate) (C55380)	
Masonry (Diploma) (D35280)	
Brunswick Community College	5
Esthetics Instructor (Certificate) (C55270)	
Esthetics Technology (Certificate) (C55230)	
Manicuring Instructor (Certificate) (C55380)	
Manicuring/Nail Technology (Certificate) (C55400)	
School-Age Education (A55440)	
Caldwell Community College and Technical Institute	5
Esthetics Technology (Certificate) (C55230)	
General Occupational Technology (A55280)	
Infant/Toddler Care (Certificate) (C55290)	
Manicuring Instructor (Certificate) (C55380)	
Manicuring/Nail Technology (Certificate) (C55400)	
Cape Fear Community College	5
Esthetics Instructor (Certificate) (C55270)	
Licensed Practical Nurse Refresher (Certificate) (C45390)	
Marine Propulsion Systems (Diploma) (D60220)	
Networking Technology (A25340)	
Real Estate Appraisal (A25420)	
Carteret Community College	1
Licensed Practical Nurse Refresher (Certificate) (C45390)	



Central Carolina Community College	12
Alternative Energy Technology/Biofuels (A20130)	
Bioprocess Technology (A50440)	
Computer Programming (A25130)	
Facility Maintenance Worker (Diploma) (D50170)	
Health Care Technology (Certificate) (C45350)	
Human Services Technology/Social Services (A4538D)	
Licensed Practical Nurse Refresher (Certificate) (C45390)	
Manufacturing Technology (A50320)	
Mechanical Engineering Technology (A40320)	
Office Administration/Legal (A2537A)	
Professional Arts and Crafts: Sculpture (A30290)	
Real Estate (A25400)	
Central Piedmont Community College	2
Foodservice Technology (Diploma) (D55250)	
Real Estate Appraisal (A25420)	
Cleveland Community College.....	1
Real Estate Licensing (Certificate) (C25480)	
Coastal Carolina Community College	7
Associate in General Education (A10300)	
Central Sterile Processing (Certificate) (C45180)	
Esthetics Technology (Certificate) (C55230)	
Lateral Entry (Certificate) (C55430)	
Manicuring Instructor (Certificate) (C55380)	
Office Administration/Legal (A2537A)	
Pharmacy Technology (A45580)	
College of The Albemarle	8
Building Construction Technology (A35140)	
Esthetics Instructor (Certificate) (C55270)	
Esthetics Technology (Certificate) (C55230)	
Lateral Entry (Certificate) (C55430)	
Manicuring Instructor (Certificate) (C55380)	
Networking Technology (A25340)	
Professional Crafts: Clay (A30300)	
School-Age Education (A55440)	
Craven Community College	3
Collision Repair and Refinishing Technology (A60130)	
School-Age Education (A55440)	
Sustainable Technologies (A40370)	
Davidson County Community College	1
Lateral Entry (Certificate) (C55430)	
Durham Technical Community College	2
General Occupational Technology (A55280)	
Optical Laboratory Mechanics (Certificate) (C45540)	



Edgecombe Community College	8
Cardiovascular/Vascular Interventional Technology (Diploma) (D45140)	
Central Sterile Processing (Certificate) (C45180)	
Computer Programming (A25130)	
Human Services Technology/Developmental Disabilities (A4538A)	
Human Services Technology/Social Services (A4538D)	
Manicuring Instructor (Certificate) (C55380)	
Real Estate Appraisal (A25420)	
Web Technologies (A25290)	
Forsyth Technical Community College	6
Automation Engineering Technology (A40120)	
Health Care Technology (Certificate) (C45350)	
Real Estate (A25400)	
Real Estate Appraisal (A25420)	
Speech-Language Pathology Assistant (A45730)	
Sustainable Technologies (A40370)	
Halifax Community College	1
Human Services Technology/Social Services (A4538D)	
Haywood Community College	3
Associate in Fine Arts (A10200)	
Healthcare Business Informatics (A25510)	
Manicuring Instructor (Certificate) (C55380)	
Isothermal Community College	4
Automotive Systems Technology (A60160)	
Healthcare Business Informatics (A25510)	
Information Systems Security (A25270)	
Sustainable Technologies (A40370)	
James Sprunt Community College	2
Manicuring Instructor (Certificate) (C55380)	
Manicuring/Nail Technology (Certificate) (C55400)	
McDowell Technical Community College	2
Computer Programming (A25130)	
Real Estate (A25400)	
Piedmont Community College	10
Air Conditioning, Heating and Refrigeration Technology (A35100)	
Biotechnology (A20100)	
Computer Information Technology (A25260)	
Computer Programming (A25130)	
Criminal Justice Technology/Latent Evidence (A5518A)	
Esthetics Technology (Certificate) (C55230)	
Gunsmithing (A30200)	
Laboratory Technology (A20160)	
Manicuring/Nail Technology (Certificate) (C55400)	
Web Technologies (A25290)	
Pitt Community College	2
Carpentry (Diploma) (D35180)	
Esthetics Technology (Certificate) (C55230)	



Randolph Community College	1
Real Estate Appraisal (A25420)	
Richmond Community College	1
Entrepreneurship (A25490)	
Roanoke-Chowan Community College	6
Environmental Science Technology (A20140)	
Esthetics Technology (Certificate) (C55230)	
General Occupational Technology (A55280)	
Health Unit Coordinator (Certificate) (C25220)	
Manicuring/Nail Technology (Certificate) (C55400)	
School-Age Education (A55440)	
Rowan-Cabarrus Community College	1
General Occupational Technology (A55280)	
Sampson Community College	6
Esthetics Technology (Certificate) (C55230)	
General Occupational Technology (A55280)	
Health Care Technology (Certificate) (C45350)	
Manicuring Instructor (Certificate) (C55380)	
Networking Technology (A25340)	
Real Estate (A25400)	
Sandhills Community College	10
Computer Information Technology (A25260)	
Cosmetology Instructor (Certificate) (C55160)	
Esthetics Instructor (Certificate) (C55270)	
Esthetics Technology (Certificate) (C55230)	
General Occupational Technology (A55280)	
Human Services Technology/Gerontology (A4538B)	
Lateral Entry (Certificate) (C55430)	
Manicuring/Nail Technology (Certificate) (C55400)	
Resort Spa Management (A55410)	
Turfgrass Management Technology (A15420)	
South Piedmont Community College	3
Office Administration (A25370)	
Radiation Therapy (A45680)	
Surgical Technology (A45740)	
Southeastern Community College	4
Esthetics Instructor (Certificate) (C55270)	
Esthetics Technology (Certificate) (C55230)	
General Occupational Technology (A55280)	
Networking Technology (A25340)	
Southwestern Community College	1
Lateral Entry (Certificate) (C55430)	



Surry Community College	8
Computer Engineering Technology (A40160)	
Cosmetology Instructor (Certificate) (C55160)	
Esthetics Instructor (Certificate) (C55270)	
Esthetics Technology (Certificate) (C55230)	
Licensed Practical Nurse Refresher (Certificate) (C45390)	
Manicuring/Nail Technology (Certificate) (C55400)	
Office Administration/Legal (A2537A)	
School-Age Education (A55440)	
Vance-Granville Community College	4
Computer Programming (A25130)	
Manicuring/Nail Technology (Certificate) (C55400)	
Office Administration/Legal (A2537A)	
School-Age Education (A55440)	
Wake Technical Community College	2
Basic Law Enforcement Training (Certificate) (C55120)	
Computer-Integrated Machining (A50210)	
Western Piedmont Community College	1
School-Age Education (A55440)	
Wilkes Community College	1
School-Age Education (A55440)	
 Total Program Terminations	 155

1D SBCCC 400.95(b) states the following:

The college shall terminate a curriculum program when there has been no enrollment for two years; a college may request an one-year extension of a curriculum program upon justification of the potential for employment opportunities and student enrollment.

In April of 2015, the North Carolina Community College System Office implemented an initiative aimed at identification and termination of programs without enrollment. Consultation was provided to colleges to make sure that non-utilized programs were terminated. This resulted in a larger number of programs terminated during 2015 than during a typical year.

Appendices



**Appendix A: Traditional Curriculum Program Approvals by
State Board of Community Colleges Approval Date**

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<i>January 16, 2015</i>		
Brunswick CC	Medical Assisting (A45400)	<ul style="list-style-type: none"> • In 2011, the U.S. Department of Health and Human Services Task Force on Aging reported nationally seventy-seven million baby boomers would turn sixty-five years of age that year. They also projected by 2025 the number of Medicare recipients will reach 69.3 million and represent 20.6% of the U.S. population. • An increasing aging population will have more medical conditions which will require an increase in health care professionals. In 2011, Brunswick County had more residents older than sixty than the number of residents younger than seventeen. In 2025, it is projected that they will have an additional 18,454 residents in their service area over 60 years of age. • The U.S. Bureau of Labor Statistics reports, "Employment of medical assistants is projected to grow 29 percent from 2012 to 2022, much faster than the average for all occupations. The growth of the aging baby-boom population will continue to spur demand for preventive medical services, which are often provided by physicians. As their practices expand, physicians will hire more assistants to perform routine administrative and clinical duties, allowing the physicians to see more patients." • On December 10, 2014, two hundred and sixty-one medical assistant jobs in the state were advertised online. www.nccommerce.com
College of The Albemarle	Healthcare Business Informatics (A25510)	<ul style="list-style-type: none"> • According to the Labor Economic Analysis Division of the Employment Security Commission, there are an estimated 30 current job openings related to the proposed program within the college's service area. The estimated entry level hourly rate for HBI graduates in the college's service area is \$14.32 per hour. • According to www.careerinfo.org, North Carolina will see an increase of 13% in the field of Medical Records and other related HBI jobs between 2010 and 2020. • Businesses in the service area of COA have indicated a need to hire graduates who are well versed in Healthcare Business Informatics. College of The Albemarle has received letters of support for the implementation of Healthcare Business Informatics from Sentara Albemarle Medical Center, Vidant Chowan Hospital, and Coastal Eye Center. • In addition to traditional job opportunities, it is noted that a career in HBI is especially suitable for self-employment. • There are qualified instructors available to teach the HBI courses. One additional faculty member will be hired to oversee and support the program. There are sufficient hardware, software, and labs already in place to support the program. • According to a survey of 300 individuals in the college's service area, 73 showed interest in enrolling in the proposed program. Participants were current COA students, local high school students, and from the general public.

**Appendix A: Traditional Curriculum Program Approvals by
State Board of Community Colleges Approval Date**

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<i>January 16, 2015 (Continued)</i>		
Mitchell CC	Mechatronics Engineering Technology (A40350)	<ul style="list-style-type: none"> • According to data provided by Economic Modeling Specialists International (EMSI), U.S. Bureau of Labor Statistics, U.S. Department of Labor Occupational Network (O-NET), and indeed® job search resources, there are 86 Electro-Mechanical Technician employment positions within the college's planning area. • Local industries Fischbein, LLC, NJK Ceramics USA, Inc., and Purina Animal Nutrition, LLC, provided letters of support to Mitchell Community College for the Mechatronics Engineering Technology program. The companies stated that the skill set associated with the program was in high demand by industry and also suggested that there existed a skills-gap because they were having trouble locating potential employees with those particular skill sets. • MCC has worked diligently to create strong, collaborative bonds with their local Chamber of Commerce and with Iredell County government. MCC is a major component to the Iredell County Horizon Plan which contains strategies for situating the college as the main training provider for local industries. The college is considered a core component for providing properly skilled employees in advanced manufacturing to help retain local industries and to attract new industries. The Mechatronics program will support the skill sets required by these industries. • MCC has significantly invested in upgraded lab facilities with over \$800,000 worth of equipment to support student hands-on learning that will reinforce their classroom studies. • The college currently offers most of the courses required for the mechatronics program under existing industrial and engineering programs; therefore, there will be very little additional instructional expense involved with offering the mechatronics program. • MCC has established successful pathways for Career and College Promise programs in related programs which will be utilized to build efficiencies of scale for the Mechatronics program which has overlapping courses. • The college successfully offers continuing education mechatronic courses with good student enrollment in those courses. • Student interest surveys suggest positive support of the Mechatronics program.
Pitt CC	Emergency Medical Science (A45340)	<ul style="list-style-type: none"> • PCC has offered Emergency Medical Science (EMS) training in the continuing education division for a number of years. Completers are eligible for entry-level emergency medical technician (EMT) and paramedic positions. Students interested in earning the EMS AAS Degree in an effort to be upwardly mobile in their career have been required to seek educational training outside Pitt County. • PCC has the resources (personnel, equipment, facilities, and clinical placements) available to implement the proposed program. • The U.S. Bureau of Labor Statistics predicts that "employment of emergency medical technicians and paramedics is expected to grow by twenty-three percent from 2012 to 2022 (the equivalent of 55,300 jobs).

**Appendix A: Traditional Curriculum Program Approvals by
State Board of Community Colleges Approval Date**

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<i>January 16, 2015 (Continued)</i>		
Pitt CC	Emergency Medical Science (A45340) <i>(Continued...)</i>	<ul style="list-style-type: none"> • According to a GAP analysis, completed in June 2014 for PCC by Economic Modeling Specialists International (EMSI), there is a considerable shortage of EMTs and paramedics in Pitt and seven other surrounding counties. The analysis revealed a gap of 57 when comparing average annual job openings to average annual program completers. The number of jobs is expected to grow by eleven percent from 2013-2018 and median pay is \$14.90 per hour. EMSI data collected in August 2014 for Pitt County alone reveals a greater job growth and median pay when compared to national and regional data. Job growth is expected to be sixteen percent from 2012-2023 and median pay is \$17.40 per hour. • A survey completed by PCC determined Pitt County employers were projecting fourteen full-time job openings in 2014, twenty-two full-time job openings in 2015, twenty-four full-time job openings in 2016, and twenty-nine full-time job openings in 2017. All responders favored PCC offering an EMS AAS degree. • The Pitt County EMS Oversight Committee submitted a letter of support and stated that this program <i>will be able to achieve accreditation status and offer students the best education to serve the citizens of Pitt County.</i> • The Pitt County EMS Medical Director submitted a letter of support and stated <i>EMS is a fast evolving field, and this kind of degree will better prepare students for the future and give them better job mobility.</i> • Letters of support for the EMS program were submitted to PCC by local employers and stakeholders who include: Pitt County Association of Rescue & EMS, Inc., City of Greenville Fire and Rescue, and Winterville Rescue and EMS, Inc. • The college surveyed 158 students who completed the last EMT-Basic class or are currently enrolled in the EMT-Basic class offered in continuing education and pre-health curriculum student enrolled in HSC 110 (Orientation to Health Careers) to assess their interest in the proposed EMS program. Eighty-three percent of the responders indicated an interest in pursuing the proposed program. In addition, the college surveyed 373 paramedics currently employed in Pitt County to assess their interest in obtaining their associate degree. Seventy-three percent of the responders expressed interest in the program.
Stanly CC	Emergency Medical Science (A45340)	<ul style="list-style-type: none"> • SCC has offered Emergency Medical Science (EMS) training in the continuing education division for a number of years. Completers are eligible for entry-level emergency medical technician (EMT) and paramedic positions. • SCC has the resources (personnel, equipment, facilities, and clinical placements) available to implement the proposed program. • SCC is working towards the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP) accreditation. Offering the associate degree program may assist SCC with gaining national accreditation. CoAEMSP accreditation is required for students to test for National Registry and many advanced paramedic provider services require Nationally Registered Paramedics for employment.

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Community College (CC)	Curriculum Title and Code	Rationale for Approval
January 16, 2015 (Continued)		
Stanly CC	Emergency Medical Science (A45340) <i>(Continued...)</i>	<ul style="list-style-type: none"> • A survey completed by SCC determined Stanly and Montgomery County employers were projecting twenty full-time job openings in 2014, twenty-one full-time job openings for the first graduating class, and twenty-one full-time job openings for the second graduating class. • The U.S. Bureau of Labor Statistics predicts that “employment of emergency medical technicians and paramedics is expected to grow by thirty-three percent from 2010 to 2020. Data from the NC Department of Commerce coincides with the national data indicating an increase of approximately thirty-one percent.
February 20, 2015		
Fayetteville Technical CC	Gunsmithing (A30200)	<ul style="list-style-type: none"> • A survey of six local gun shops and potential employers revealed that 100% of the respondents expressed the need for gunsmiths with training and experience. They also expressed an interest in employing graduates of the proposed program. • The program lends itself to entrepreneurial opportunities for graduates. The Small Business Center at FTCC will provide high quality entrepreneurship training and small business education to assist the graduate in growing a successful business. • Existing classroom and lab facilities for the Computer Integrated Machining program will be utilized for the proposed program with a minimal equipment expense. • The service area has a large concentration of active duty Military, veterans, and gun enthusiasts which has led to a high level of interest in the program. As many soldiers leave the military, they actively inquire about this curriculum and express interest in enrolling in the proposed program. • A survey of 45 FTCC students enrolled in Machining and Welding was conducted in 2014 with 100% of the respondents expressing interest in enrolling in the program or expressing knowledge of other persons they know that would be interested in enrolling in the program. • Fort Bragg has invested \$250 million in a Joint Armament Facility, a 16-acre complex for maintaining, testing and certifying weapons, weapons development and training of over 500 soldiers per year. If Fayetteville TCC is approved for the Gunsmithing program, they will pursue a partnership to provide additional education, training and certification. • Over the last five years, 27,051 handgun permits have been issued in Cumberland County indicating the need for repair and maintenance of firearms in the colleges' service area. • The Fayetteville Regional Chamber submitted a letter of support which stated that the proposed program would provide <i>additional educational opportunities that will help service our thriving and growing population...and give us a better chance at preparing students to enter our workforce with the skills needed to immediately make an impact.</i> • Two local gun shops submitted letters of support indicating the need for local gunsmiths. The owner of Shooter's Supply noted: <i>I have three stores in this area that sell gun and accessories. Each store needs a gunsmith on staff. The owner of Jery's Pawn indicated that my business has found a shortage of gunsmiths.</i>

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Community College (CC)	Curriculum Title and Code	Rationale for Approval
<i>February 20, 2015 (Continued)</i>		
Isothermal CC	Agribusiness Technology (A15100)	<ul style="list-style-type: none"> • The proposed program is designed to prepare graduates with the entrepreneurial and technical skills necessary to manage small farms and agricultural businesses that support eastern North Carolina. • North Carolina ranks seventh nationally in farm profits with a net farm income of \$3.3 billion. Net income per farm in the state is over \$63,000. (NC Department of Agriculture) • Rutherford County is comprised of 638 farms with roughly 59,540 acres in production. Polk County has 309 farms with roughly 21,000 acres in production. (NC State Agricultural Extension Service) • The program lends itself to entrepreneurial opportunities. Isothermal CC will assist the entrepreneur through its Small Business Center that serves both counties through one-on-one business counseling and education through seminars and workshops. • Each of the service area's four high schools have programs in agriculture. The proposed program would provide a means to further their education in this area. If approved for the program, Isothermal Community College plans to develop a Career and College Promise program for Agribusiness. • If approved for the program, Isothermal Community College plans to pursue bilateral agreements with NCSU and NC A&T. • The average age of the principal owner of farms in the Isothermal service area is over 57 years in age. (US Department of Agriculture Census) The program is needed to provide the development of skills for a new generation of farmers. • Isothermal currently offers courses in agriculture through their continuing education department. Students taking these courses have expressed an interest in a curriculum program. • The Career and Technical Education Director of Rutherford County Schools submitted a letter of support for the proposed program. He noted that the proposed program <i>will provide a quality, affordable post-secondary educational opportunity for the students of Rutherford County.</i> He further added that <i>Rutherford County has a strong agricultural traditional and career opportunities exist in agriculture related careers for our student that receive the appropriate education and training.</i> • A grant was awarded to Rutherford County in 2013 through the Appalachian Regional Commission, US Department of Agriculture, and the US Environmental Protection Agency. The grant provided funds to the town of Forest City in Rutherford County for several initiatives to strengthen the local agricultural community. One of the initiatives is restoration of an abandoned mill into an Agriculture Innovation Center which will serve as a facility for educational courses. Isothermal was asked to be the lead in supplying these courses. • The former Shiloh School has been remodeled as a livestock handling facility. This facility will be available for use with education in livestock.

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Community College (CC)	Curriculum Title and Code	Rationale for Approval
<i>February 20, 2015 (Continued)</i>		
South Piedmont CC	Musculoskeletal Sonography (Certificate) (C45850)*	<ul style="list-style-type: none"> • Currently, South Piedmont Community College offers Medical Sonography (A45440) and Cardiovascular Sonography (A45160). • Over the last eleven years, the Medical Sonography program at SPCC has graduated one hundred and fourteen students. Ninety-seven percent of their graduates obtained jobs within their field of study. • The U.S. Bureau of Labor Statistics projects the need for credentialed sonographers to grow by forty-four percent between 2010 and 2020. • The MSK modality is so new that the U.S. Department of Labor does not distinguish it as a separate profession. In 2012, the median annual salary for sonographers was \$60,350. According to SimplyHired the average salary for Musculoskeletal Sonographers is \$68,000. • Musculoskeletal Sonography (MSK) is a rapidly growing specialty in sonography. MSK sonography may be utilized in the evaluation of tendon tears, abnormalities of the muscles, localization of bleeding and fluid collections, evaluation of tumors, early changes of rheumatoid arthritis, joint dislocations in infants, and lumps in the neck muscles of infants. Historically, these abnormalities could only be evaluated with radiologic imaging such as fluoroscopic procedures, Computed Tomography and Magnetic Resonance Imaging. (<i>Society of Diagnostic Medical Sonography News Wave, 2010</i>). • Mark Hartman, Ultrasound Sales Manager for ESAOTE North America, Inc., noted, <i>I'm currently covering NC, SC, VA and Maryland. MSK ultrasound is by far the fastest growing application I'm seeing. We are seeing pain management clinics, orthopedic clinics, sport rehabilitation clinics, and chiropractic offices inquiring about MSK ultrasound. In addition, we are hearing from administrators in hospitals and clinics who are inquiring about sonographers who have MSK experience. Mr. Hartman also stated he had been working with a regional mobile ultrasound company that will be looking to hire a minimum of twenty newly credentialed MSK sonographers in the future.</i> • Dr. Peter Hindel, the Medical Director for SPCC's Diagnostic Medical Sonography program and a radiologist at Carolinas Medical Center (CMC) shared, <i>physicians are now asking for the studies; however, there are very few "trained" sonographers that can perform the exams.</i> He noted that <i>he and his colleagues must perform the exams.</i> • MSK Sonography is a completely new modality; therefore limited data is available from employers. SPCC surveyed their current 17 clinical sites for their Medical Sonography program. Thirteen (76 %) of the clinical sites indicated a potential need for MSK interventional studies. Ninety-six full-time sonographers and thirty-four part-time sonographers are employed by these agencies. • An electronic survey completed by SPCC determined that eighteen current sonographers and/or alumni were interested in this program. <p>In 2013, the American Registry of Diagnostic Medical Sonographers (ARDMS) surveyed 277 currently registered sonographers in the U.S. to determine their interest level in learning more about the new MSK credential. Ninety-four percent of the respondents expressed interest. www.ardms.org.</p>

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Bladen CC	Emergency Medical Science (A45340)	<ul style="list-style-type: none"> BCC has offered Emergency Medical Science (EMS) training in the continuing education division for thirty-nine years. Over the past seven years, BCC enrolled 481 students in their emergency medical technician (EMT) Basic course, 217 students enrolled in their EMT Intermediate course and 508 students enrolled in their Paramedic course. Completers of the courses are eligible for entry-level EMT and paramedic positions. BCC has the resources (personnel, equipment, facilities, and clinical placements) available to implement the proposed program. A survey completed by BCC determined Bladen County EMS employs twenty-two full-time and forty part-time employees. Bladen County EMS informed BCC they are very interested in the availability of the associate degree in EMS for their personnel. Surveyed employers in Cumberland County indicate they employ one hundred and fifty EMS staff. Cumberland EMS projects twenty full-time job openings in 2015 and fifty full-time job openings within the next two years. The U.S. Bureau of Labor Statistics predicts that “employment of emergency medical technicians and paramedics is expected to grow by thirty-three percent from 2010 to 2020”. Data from the N.C. Department of Commerce coincides with the national data indicating an increase of approximately thirty-one percent in the field. A study of the Lumbar River region has projected a thirty-six percent (2,300 new jobs) increase in EMS personnel by 2020. Letters of support for the EMS program were submitted to BCC by local employers and stakeholders who include: the town manager of Elizabethtown, Bladen County EMS, Bladen County Schools, the Elizabethtown-White Lake Area Chamber of Commerce, the Bladen County town manager, and the Mayor of Bladenboro. Fifty-three of the fifty-nine continuing education EMT students surveyed by BCC indicated interest in the proposed EMS program. In addition, the college surveyed Bladen County high school students to determine their interest in enrolling in the EMS program. One hundred and two students (29%) of the three hundred and forty six respondents are interested in the program.
Central Piedmont CC	Biomedical Equipment Technology (A50100)	<ul style="list-style-type: none"> The U.S. Bureau of Labor Statistics project 32% growth in medical equipment repairer jobs for 2010-20 and lists it as the 4th fastest growing occupation requiring an associate’s degree in North Carolina. Data provided by the Department of Labor indicates medical equipment repairers earn an annual average salary of \$48,200. Novant Health approached CPCC for assistance in mitigating a shortage of biomedical device technicians and committed \$150,000 worth of financial support to the college to be awarded over a three-year period. Additionally, they will provide biomedical equipment for training purposes as well as related operational expertise and will also provide student work experience opportunities at their facilities. Two of the largest hospitals in North Carolina, Novant Health Presbyterian Medical Center and Novant Health Charlotte Orthopedic Hospital, are within walking distance of the CPCC’s main campus.

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<i>March 20, 2015 (Continued)</i>		
Central Piedmont CC	Biomedical Equipment Technology (A50100) <i>(Continued...)</i>	<ul style="list-style-type: none"> • An aging population has caused an increase in demand for specialized and complex medical equipment. Employment opportunities exist in hospitals, commercial equipment suppliers and repairers, sales, and with commercial and residential installers. Home installations provide a segment of the senior population with the option of choosing in-home care services. • The college surveyed 559 students who either recently completed or currently enrolled in an Engineering Technology program at Central Piedmont Community College to assess their interest in the proposed Biomedical Equipment Technology program. Seventy-seven percent of respondents indicated they would be interested in a career in Biomedical Equipment Technology. Fifty-eight percent of the respondents indicated they would be interested in enrolling in the program with twenty-seven percent starting the program in the Fall of 2015.
Central Piedmont CC	Broadcasting and Production Technology (A30120)	<ul style="list-style-type: none"> • Between November 1, 2013 and October 31, 2014, there were 1,093 job postings in the area for arts and media or communication occupations. The top four skills needed to fill 449 of those jobs are technical writing, editing, journalism, social media and broadcasting. • There was an increase of 229 jobs from 2012 to 2013 in broadcasting technical and digital jobs such as producers, directors, and audio/video technicians. (NC Department of Labor) • There will be a 9% national increase in media growth occupations through 2018 and a 2% growth in North Carolina (US Department of Labor.) • The median wage for industry practitioners in the service area is \$34,400. (Bureau of Labor Statistics) • If approved for the program, CPCC plans to pursue the addition of the program for Career and College Promise high school students. • The program lends itself to entrepreneurial opportunities for graduates. There has been downsizing in traditional print and broadcast media leading to enlargement of digital media and digital entrepreneurship. The Small Business Center at CPCC will provide high quality entrepreneurship training and small business education to assist the graduate in growing a successful business. • CPCC will partner with WTVI, the local PBS affiliate to provide work-based learning opportunities for students, which is vital to the resume for entry level positions in this field. • There are more than a dozen television stations and cable outlets in the area. CPCC staff worked with five television stations to obtain workforce needs, entry-level hiring patterns and for assistance with the design of the proposed program. • CPCC conducted a student interest survey of students currently enrolled in CPCC arts and communication courses. Thirty-six students indicated an interest in enrolling in the program. • The Publisher of the Charlotte Observer submitted a letter of support and noted: <i>In this digital age, technology and communication experts are highly marketable. Companies, both large and small, realize they must have an expertise in external communications which includes social media, videography and strong verbal and written skills.</i> The Publisher also noted that there is interest in an increased job pool of candidates for their media company.

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<i>March 20, 2015 (Continued)</i>		
Central Piedmont CC	Broadcasting and Production Technology (A30120) <i>(Continued...)</i>	<ul style="list-style-type: none"> The former publisher of the Business Journal of Charlotte noted that <i>there are more media related jobs here in Charlotte area than ever before with the growth of websites, and social media and the ability to produce and deliver content faster. Large companies are hiring individual solely to blog, post tweet etc.</i>
Central Piedmont CC	Truck Driver Training (Certificate) (C60300)	<ul style="list-style-type: none"> The U.S. Bureau of Labor Statistics project a 21% growth in truck driver jobs for 2010-20. NC Commerce Department data for the three months prior to December, 2014, show more than 1,700 job postings (recurring) for truckers, listing truck driving as one of the Charlotte labor market's best area for employment. Knight Transportation issued a letter of support for becoming a hiring and training partner with Central Piedmont Community College. The college surveyed students currently enrolled in their Heavy Equipment Transport programs. Over 80 students expressed interest in enrolling in the program. CPCP surveyed the National Guard who expressed interest in the truck driving program. The survey indicated that 40 guardsmen were interest in enrolling. CPCP has the facilities, vehicles, trailers, and qualified staff to effectively operate the truck driving program.
Rowan-Cabarrus Community College	Emergency Medical Science (A45340)	<ul style="list-style-type: none"> RCCC has offered Emergency Medical Science (EMS) training in the continuing education division for a number of years. The currently successful Fire/EMS Continuing Education Paramedic (CEP) Certification program will provide a continuous and sustainable enrollment of students that are interested in completing their associate degree. The national EMS community recommends that paramedics should move from a certificate to a degree. RCCC is working towards the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP) accreditation. Offering the associate degree program may assist RCCC with gaining national accreditation. CoAEMSP accreditation is required for students to test for National Registry and many advanced paramedic provider services require Nationally Registered Paramedics for employment. As of June 9, 2014, the North Carolina Emergency Medical Service News listed eighty-six paramedic positions openings. https://news.ncems.org/employment The Emergency Department of Rowan County employs fifty-eight full-time and fifty-five part-time EMS personnel. Cabarrus County EMS employs a total of one hundred and twelve full and part-time staff. Both departments encourage life-long learning and advanced education. Providers are encouraged to consider EMS degree programs. The U.S. Bureau of Labor Statistics predicts that "employment of emergency medical technicians and paramedics is expected to grow by thirty-three percent from 2010 to 2020". As the trend continues to move toward paramedics with college degrees, the RCCC service population will need to earn a college degree in order to compete.

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<i>March 20, 2015 (Continued)</i>		
Rowan-Cabarrus Community College	Emergency Medical Science (A45340) <i>(Continued...)</i>	A survey completed by RCCC determined Rowan and Cabarrus County employers were projecting thirty-five full-time job openings for the first graduating class and fifty full-time positions for the second graduating class.
Stanly CC	Air Conditioning, Heating, and Refrigeration Technology (D35100)	<ul style="list-style-type: none"> • NC Department of Commerce data suggests a 27% increase for air conditioning, heating, and refrigeration (AHR) mechanic and installer job opening in Stanly County between 2014 and 2024 resulting in 26 additional positions. The average wage is \$16.85 an hour. • A survey to local employers Garmon Mechanical, Deeck Mechanical, and Deese Electric, indicated that there would be approximately 33 AHR positions available in the next three years. These companies expressed strong support of the program. • The college received a grant from the U.S. Department of Commerce, Economic Development Administration (EDA), which supported upgrading the college's Advanced Manufacturing and Industrial Technology facility that included a new AHR laboratory and an additional classroom. • SCC currently offers a local certificate that contains a limited number of AHR courses within their Industrial Systems Technology program; however, the certificate is limited and does not contain enough course competencies to adequately prepare students to diagnose and repair more complex heating and refrigeration units that have become commonplace to the industry. • The college has purchased four AHR trainers and plans on purchasing additional instructional equipment through an ALCOA Corporation grant that was awarded to the college. • The college successfully offers Career and College Promise under Industrial Systems Technology to area high school students and plans to transition interested students into the Air Conditioning, Heating, and Refrigeration program. • The college surveyed currently enrolled Stanly CC and local high school students. Sixteen students expressed interest in the Air Conditioning, Heating, and Refrigeration program.
Stanly CC	Computer Integrated Machining (D50210)	<ul style="list-style-type: none"> • NC Department of Commerce data suggests a 26% increase for machinist job opening in Stanly County between 2014 and 2024 resulting in 50 additional positions. The average wage for machinists is \$17.25 an hour. • NC Department of Commerce data suggests a 29% increase for Computer Numeric Control (CNC) machinist job opening in Stanly County between 2014 and 2024 resulting in 53 additional positions. The average wage for CNC machinists is \$19.82 an hour. • The college received a grant from the U.S. Department of Commerce, Economic Development Administration (EDA), which supported upgrading the college's Advanced Manufacturing and Industrial Technology facility to include a new machining laboratory and classroom.

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Stanly CC	Computer Integrated Machining (D50210) <i>(Continued...)</i>	<ul style="list-style-type: none"> Members from the North Carolina Association of County Commissioners, the North Carolina Cooperative Extension Service, the North Carolina Community College System, and the Institute for Emerging Issues were invited to attend an industry forum in Stanly County where local industries Michelin US11, Chicago Tube and Iron, and Carnes-Miller Gear Company, communicated their need for qualified employees with machining skill sets. SCC currently offers a local certificate that contains a limited number of machining courses within their Industrial Systems Technology program, however, the certificate does not contain enough course competencies to adequately prepare students for the highly technical advanced-machining processes that have become commonplace to industry. The college successfully offers machining courses under their Industrial Systems curriculum program and plans to transition interested students into the Computer-Integrated Machining program. The college surveyed 102 currently enrolled Stanly CC and local high school students. Thirty-eight students expressed interest in the Computer-Integrated Machining program.
Stanly CC	Culinary Arts (A55150)	<ul style="list-style-type: none"> The Culinary Arts program at Stanly Community College will be designed to provide pathways for start-up and operations of entrepreneurship services, such as catering. It will support the growing interest in the farm-to-table movement in the local community. Data from the NC Department of Commerce indicated an increase for Food Service Managers of 4.7% in the Centralina area. Additionally, an increase of 5% for chefs is predicted in the Centralina region. Chef salaries range from entry level of \$16.29 per hour to experienced hourly wage of \$27.42. Annually, estimated entry level salaries start at \$33,890 while experienced level start at \$57,050. (NC Department of Commerce). Stanly County's 2013 Annual Employment Data indicate a consistent job market of 1,845 for the Accommodation and Food Services sector, which is the county's fourth highest employment field. SCC conducted an employer interest survey of forty local food service companies. Twenty-one employers responded. Eighty-six percent of the respondents indicated a need for a Culinary Arts Degree Program. Employer interest survey results also indicated an estimated 464 individuals would be employed by local employers over the next three years in the following positions: Food Preparation Workers, Food Servers, First-Line Supervisors, Cooks, and Bartenders. SCC conducted a student interest survey of 156 high school students enrolled in Stanly County Schools' food science courses in the fall of 2014. Eighty-five percent indicated a need for the College to offer the Culinary Arts Degree Program. Forty-four percent indicated they would enroll in a CCP Culinary Arts pathway. The superintendent of Stanly County Schools provided a letter of support stating that the program <i>will provide a seamless six year pathway for high school students interested in a food science career.</i> The Stanly Community College Foundation provided a letter of support. In addition they have begun a capital campaign for the program and have raised \$32,000 towards program start-up expenses.

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Stanly CC	Culinary Arts (A55150) (Continued...)	<ul style="list-style-type: none"> The Stanly County Chamber of Commerce provided a letter of support and stated that this program would support <i>the need for qualified, well trained chefs and staff which is needed to support the growing interest in the farm-to table movement in the county.</i> The Director of Small Business and Entrepreneurial Development indicated that this program <i>will allow the college to create a pool of chefs with management skills which will open up new career paths for the graduates in the restaurants in Stanly County.</i> A member of the Stanly County Board of Commissioners, who is also the Chair of the Stanly Community College Foundation, provided a letter of support and stated the approval of the Culinary Arts Program <i>will give the College another opportunity to promote the local foods movement and provide Stanly County citizens with education and economic development opportunities.</i> The Mayor of the City of Albemarle provided a letter of support and indicated the <i>local economy would benefit greatly from the development of a culinary school. The downtown location would help tremendously with the revitalization of our downtown businesses.</i>
April 17, 2015		
Asheville-Buncombe Technical CC	Environmental Engineering Technology (A40150)	<ul style="list-style-type: none"> Economic Modeling Specialists International (EMSI) projected a 14.4% employment increase in AB Tech's service area for environmental engineering or environmental protection technicians. The U.S. Bureau of Labor Statistics projected 18% growth in 2012-2022 for environmental technicians with an annual median income of \$45,350 per year. AB Tech surveyed local environmental agencies who indicated that there are approximately twelve current positions available for environmental engineering technician graduates and projected fifteen more positions becoming available in the immediate future. A working group consisting of local industry representatives and content matter experts from both public and private organizations supportive of the Environmental Engineering Technology program assisted with course and program design. The college currently offers all but four of the curriculum courses required for the program in other engineering technology programs; therefore, expects the cost of offering the program to be minimal. The college surveyed 258 local high school students and 94 currently enrolled AB Tech students. Eighty-one students expressed interest in the program.
Asheville-Buncombe Technical CC	Health and Fitness Science (A45630) (Continued...)	<ul style="list-style-type: none"> The health and fitness industry both in Asheville and nationwide is growing. According to the American Council on Exercise (ACE), personal trainers generate \$7.2 billion in income annually.

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Asheville-Buncombe Technical CC	Health and Fitness Science (A45630)	<ul style="list-style-type: none"> The Economic Modeling Specialist International (EMSI) Database Employment Outlook listed 609 recreation and fitness jobs and 216 fitness trainers and aerobics instructor jobs in Buncombe and Madison counties in 2014. With projected growth of 11.5% and 15.8% respectively by 2020, the total number of jobs in health and fitness science is expected to reach over 900 positions in the service area, with salaries for jobs aligned with this program starting at approximately \$15 per hour in the western North Carolina region. The US Bureau of Labor Statistics estimates that there will be approximately 695,000 fitness trainers, instructors, and recreation workers by 2022. This is a thirteen to fourteen percent increase over 2012. There are multiple businesses that employ personal trainers in the service area. This includes nine commercial fitness clubs, five YMCAs, one YWCA and three parks and recreation departments. Additionally, there are multiple camps and medical facilities that employ personal trainers including Mission Health System, the largest employer in Buncombe County. Letters of support for the program were submitted to Asheville-Buncombe Technical Community College by the YMCA of Western North Carolina and Biltmore Fitness. A-B Tech faculty have discussed possible articulation agreements with the Department of Health and Exercise Science at Appalachian State University and East Tennessee State University for graduates of their proposed program that desire to further their education. Currently, A-B Tech has a robust Health and Physical Education Department which will keep start-up costs to a minimum. Existing full-time faculty and new adjuncts will be utilized to teach courses in the first year of study.
Carteret CC	Human Services Technology (A45380)	<ul style="list-style-type: none"> In 2012, 19,440 residents of Carteret County were above the age of 65 and this group is projected to increase to 27,451 by 2025. (U.S. Department of Commerce) According to the U.S. Department of Labor Occupational Outlook, <i>Employment of social and human service assistants is projected to grow twenty-two percent from 2012-2022, much faster than the average for all occupations. The anticipated growth is attributed to the increase in elderly populations which will result in an increase in health care and social services. Additional growth is expected as more people seek treatment for their addictions and more drug offenders are sent to treatment programs rather than to jail. Human Service workers will also be needed to help social workers investigate child abuse cases, as well as place children in foster care with adoptive families.</i> Nationally, the projected growth rate for Social and Human Service Assistants is an increase of twenty-two percent or 17,870 annual job openings compared to North Carolina's increase of thirteen percent or 300 annual job openings. (O-NET) Carteret Community College surveyed fifteen employers, in their service area, that provided in-patient care, out-patient care, end-of-life care, as well as educational and vocational counseling. Nine of the fifteen employers (60%) indicated they would hire graduates of the program.

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<i>April 17, 2015 (Continued)</i>		
Carteret CC	Human Services Technology (A45380) <i>(Continued...)</i>	<ul style="list-style-type: none"> • After completing three years of employment in the field (a minimum of 4,500 hours of work experience), associate degree graduates of the program may take the national examination developed for human services practitioners to qualify for the Human Service Board Certified Professional credential. • The college surveyed 553 students who were high school juniors and seniors or were enrolled in Carteret Community College's Adult High School Program to assess their interest in the proposed Human Services Technology program. Of the 553 surveyed, 436 responded to the question. Sixteen percent (69 of the 436) responded they would enroll in the program. • Letters of support for the program were submitted to Carteret Community College by Carteret County government and Carteret County Partnership for Children.
Cleveland CC	Mission Critical Operations (A40430)*	<ul style="list-style-type: none"> • CCC is the consortium lead for a twenty-three million dollar U.S. Department of Labor (DOL) Trade Adjustment Assistance Community College and Career Training Mission Critical Operations (MCO) grant. Other participants include <i>Moultrie Technical College (GA), Nash Community College, Wake Technical Community College, and the University of North Carolina-Charlotte.</i> • The U.S DOL requires that the consortium design and develop a career pathway to address an increasing demand for a mission critical workforce able to anticipate, prevent, mitigate and respond to mission critical breaches. • <i>According to a study by Marcoux (2012), a renowned national leader within the MCO industry, the federal government employs approximately 273,000 critical infrastructure workers.</i> • An employer engagement survey of MCO industry advisory committee members indicted strong support for the MCO program listing more than sixty-five positions available over the next five years. Additionally, the Automation Federation, International Society of Automation, and 7X24 Exchange International - Carolinas Chapter have worked closely with CCC to provide direct industry input and support of the program. • NC State University Industrial Extension Services provided grant evaluation service support for the program as well as industry connectivity through their formal business networks. • Mission Critical Operations technicians are not yet classified by the U.S. Department of Labor, although the consortium is coordinating efforts with the U.S. DOL to help create an MCO career designation. According to Glassdoor, a national job search specialist, the average national annual salary for Risk Management Specialists (a related industry) is \$83,920 with 8% job growth. • A student interest survey was administered by the college resulting in thirty-two students expressing interest in the program. • CCC worked with UNC Charlotte to establish a four-year degree pathway and is in conversation with East Carolina University to develop a similar pathway for MCO AAS program completers.

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<i>April 17, 2015 (Continued)</i>		
Isothermal CC	Accounting (A25100)	<ul style="list-style-type: none"> • Businesses in the service area of ICC have indicated a need to hire graduates who are well versed in Accounting. Letters and e-mails of support for the proposed program were submitted to ICC by North Carolina State Employee's Credit Union, Rutherford County Schools, and Gilbert M. Carmona (Local Area Enrolled Agent/Accountant). • According to the US Bureau of Labor and Statistics, There is an 11% projected growth for bookkeepers and accounting assistants from 2012 to 2022. This occupation is categorized as having a "nationally bright outlook" by the Bureau of Labor and Statistics. • According to a job search conducted by ICC, there are approximately 40 current job openings within the ICC service area that are asking for accounting skills. ICC has currently fulfilled 5 accounting jobs with student graduates from the business administration program that have specific skills in accounting. • In addition to traditional job opportunities, a career in Accounting is especially suitable for self-employment. • Upon graduation, students will possess the necessary proficiencies to work at local accounting firms, banks, and financial intuitions. • ICC currently has a bilateral agreement with Western Carolina University (WCU) to allow ICC business administration graduates a seamless transfer opportunities to pursue an undergraduate degree. Discussions with WCU and Gardner Webb University have begun where accounting graduates will also have a seamless transfer to pursue a four-year degree in Business or Accounting. • According to a recent survey of 64 ICC students, 35 showed interest in enrolling in the proposed program. • The college is planning to use current faculty members to teach the courses in the proposed Accounting (A25100) program. Approval of the accounting program will only add three additional courses to the department. ICC has the sufficient hardware, software, and labs already in place to support the program.
Robeson CC	Accounting (A25100)	<ul style="list-style-type: none"> • Businesses in the service area of RCC have indicated a need to hire graduates who are well versed in accounting and bookkeeping. Letters of support for the proposed program were submitted to RCC by The Robeson County Committee of 100, and The Staffing Alliance. • The US Bureau of Labor Statistics reports the following: "Employment of bookkeeping, accounting, and auditing clerks is projected to grow 11 percent from 2012 to 2022." "Job growth for these workers is largely driven by overall economic growth." "Because bookkeeping, accounting, and auditing clerks is a large occupation, there will be a large number of job openings from workers leaving the occupation. This means that opportunities to enter the occupation should be plentiful." • According to an employment survey conducted by RCC in college's service area in July 2014, there were 22 current related job vacancies. The same survey indicated a projected 42 job vacancies for 2017 and 54 projected job vacancies for 2018. •

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Community College (CC)	Curriculum Title and Code	Rationale for Approval
<i>April 17, 2015 (Continued)</i>		
Robeson CC	Accounting (A25100) <i>(Continued...)</i>	<ul style="list-style-type: none"> • In addition to traditional job opportunities, it is noted that a career in Accounting is especially suitable for self-employment. • Upon graduation, students will possess the necessary proficiencies to work at local accounting firms, banks, and financial intuitions. • According to a survey conducted by RCC in July 2014, 74 out of 244 current college and high school students, showed an interest in enrolling in the proposed program. • The college is planning to use current faculty members to teach in courses in the proposed Accounting (A25100) program. There are sufficient hardware, software, and labs already in place to support the program.
Robeson CC	Baking and Pastry Arts (A55130)	<ul style="list-style-type: none"> • Robeson Community College has been offering an Associate in Culinary Arts for six years and the program has doubled in student enrollment over the past several years. Many Culinary students have aspirations to further their skills and workforce preparedness and want to see an additional associate degree in Baking and Pastry Arts. This additional degree would offer skills that would make students highly marketable in the workplace. • According to a survey conducted in February 2015 by RCC in the college's service area, there were 19 related job vacancies, a projected 79 anticipated job vacancies for 2017 and 79 projected job vacancies for 2018. • According to a survey conducted by RCC in February 2015, 28 out of 52 (53.8%) current college students in Culinary Arts courses, showed an interest in enrolling in the proposed program. • Local restaurants and bakeries have indicated an interest in RCC starting a Baking and Pastry Arts program. The president of Cakes and Pastries of Lumberton, Inc stated, <i>"The new Baking and Pastry Arts Program will provide needed baking and pastry workers for my company to provide a better trained workforce in this field."</i> • Steven Roberts Originals, a manufacturing bakery facility located in the RCC service area, submitted a letter of support and stated, <i>"The AAS Degree in Baking and Pastry Arts program would be most beneficial in our efforts for recruiting individuals with experience into our workforce."</i> Steven Roberts Originals employs more than 200 individuals in their Pembroke, NC bakery facility. • Upon graduation, students will qualify for entry-level positions, such as pastry/bakery assistant, area pastry chef and assistant pastry chef. American Culinary Federation certification may be available to graduates. • The college is planning to use current faculty members to teach in courses in the proposed Baking and Pastry Arts (A55130) program. There is sufficient space and equipment already in place to support the program.

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Community College (CC)	Curriculum Title and Code	Rationale for Approval
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Blue Ridge CC Brunswick CC Catawba Valley CC Forsyth Technical CC Gaston College	Associate in Engineering (A10500)*	<ul style="list-style-type: none"> The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college. The college has assessed the need for the program and the facilities and resources required to maintain a viable program and certifies that the college can operate this program efficiently and effectively within the facilities and resources available to the college. The college has evidence of sufficient student demand to offer the program and will provide master's credentialed faculty for each course provided under the Associate in Engineering degree.
Cape Fear CC	Baking and Pastry Arts (A55130)	<ul style="list-style-type: none"> It is anticipated that nationally there will be a need for 9,400 additional baking professionals between 2012 and 2022 – an increase of 6% during that period (U.S. Bureau of Labor Statistics). According to statistics provided by the North Carolina Department of Commerce, it is anticipated that the state will require 7,160 additional culinary and baking professionals between 2010 and 2020 – an increase of 9.9% during that period. A review of the Wilmington, NC economy data supplied by the U. S. Bureau of Labor Statistics revealed that the leisure and hospitality industry was the fastest growing areas of the local economy. According to a survey conducted by CFCC in November 2014, 162 out of 361 (44.8%) current college students at CFCC showed an interest in enrolling in the proposed program. Upon graduation, students will qualify for entry-level positions, such as pastry/bakery assistant, area pastry chef and assistant pastry chef. American Culinary Federation certification may be available to graduates. Local employers have indicated an interest in CFCC starting a Baking and Pastry Arts program. The Wilmington Chamber of Commerce submitted a letter of support and stated, <i>"The Wilmington region has a thriving hospitality and restaurant industry due to tourism, business, and community growth. The new Baking and Pastry Arts program will provide students with the opportunity to showcase new skills that employers will need in the years to come."</i> CFCC is approved to offer the Culinary Arts program. The college is planning to use current faculty members to teach in courses in the proposed Baking and Pastry Arts (A55130) program. There is sufficient space and equipment already in place to support the program.
Cape Fear CC	Interpreter Education (A55300)	<ul style="list-style-type: none"> Translators and interpreters across all fields, including ASL and foreign language translators and interpreters, earned an average annual income of \$45,430/\$21.84 per hour in 2012. (U. S. Bureau of Labor Statistics). The North Carolina 2010-2020 Occupational Employment Projections indicated there will be 120-170 openings per year for interpreters and translators. CFCC reported the cost of supporting their students with contracted interpreters was approximately \$100,000 in the last academic year.

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<i>May 15, 2015 (Continued)</i>		
Cape Fear CC	Interpreter Education (A55300) <i>(Continued...)</i>	<ul style="list-style-type: none"> • According to a survey conducted by CFCC in November 2014, 176 out of 360 (48.8%) current college students at CFCC showed an interest in enrolling in the proposed program. • The college plans to hire one full-time American Sign Language interpreter instructor to teach in courses in the proposed Interpreter Education (A55300) program. There is sufficient classroom space available to support the program. • The Interpreter Education program will create a cadre of professional local sign language interpreters to support the increasing needs across many public and provide enterprises to provide greater inclusion to the deaf community. • In addition to traditional job opportunities, it is noted that a career in Interpreter Education is especially suitable for self-employment. • Local employers have indicated an interest in CFCC starting an Interpreter Education program. The Wilmington Chamber of Commerce submitted a letter of support and stated, <i>"The Wilmington region has noted an increased need for those with sign language interpreting skills and there is a lack of skilled interpreters in this area. The business community would welcome the opportunity to be able to have local interpreters providing services to their customers and workforce."</i>
Cleveland CC	Computed Tomography & Magnetic Resonance Imaging (Diploma) (D45200)	<ul style="list-style-type: none"> • Cleveland Community College currently offers the Radiography program. Individuals entering the Computed Tomography & Magnetic Resonance Imaging Technology (CT/MRI) diploma program must be registered or registry- eligible radiologic technologist, radiation therapist, or nuclear medicine technologist. Technologists with more than one certification have a competitive edge in the job market. • Effective January 1, 2016, the American Registry of Radiologic Technologists (ARRT) will require applicants for post-secondary certifications to show proof of a minimum of sixteen hours of structured education in CT and/or MRI for students to sit for the registry exam. • Cleveland Community College has been conducting a series of courses in CT & MRI through continuing education since summer 2013. Thirty-two students have enrolled in these classes from summer 2013 through fall 2014. Of the thirty-two students, nine have completed all requirements and three have passed the CT exam for ARRT. It is faculty's belief that the additional on-line courses and the increased time in clinical as required in the curriculum program will serve to enhance both the CT and MRI components and encourage more students to complete the courses and take the registry exam. • The U.S. Bureau of Labor Statistics ranks the job outlook for Radiologic (including certified Computed Tomographers) and MRI Technologists as having faster than average growth through 2022. MRI Technologists occupations are forecasted to have twenty-four percent growth during that period with Radiologic Technologist having a twenty-one percent growth rate. Most of the jobs are expected to be new jobs and replacements in hospitals (55%) with the remainder in outpatient centers or doctor's offices. The national median annual salary for radiologic technicians was \$55,910 and for MRI technologists the median salary was \$65,360 in 2012.

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<i>May 15, 2015 (Continued)</i>		
Cleveland CC	Computed Tomography & Magnetic Resonance Imaging (Diploma) (D45200) <i>(Continued...)</i>	<ul style="list-style-type: none"> The North Carolina Department of Commerce Analysis Division anticipates an increase of 1,700 Radiologic Technologists and Technician jobs by 2020, a 22.2% increase from 2010. The 2013 Region C Comprehensive Economic Development Strategy (CEDS) report projects an 11% growth in healthcare practitioners and technical occupations (CT/MRI Technologists would be located in this category). Letters of support for the program were submitted to Cleveland Community College by Gaffney Medical Center, CaroMont Health and Shelby Radiological Associates, PA.
College of The Albemarle	Computer-Aided Drafting Technology (A50150)	<ul style="list-style-type: none"> The North Carolina Department of Commerce Analysis Division projected 12.5% growth for Drafter positions in the Northeastern Region for 2010-2020. According to the U.S. Bureau of Labor Statistics for 2012-22, CAD design positions are expected to increase up to 7% with an average annual income of approximately \$49,630. NCWorks listed 20 current job openings in the North Carolina's "NorthEast Part" for individuals possessing CAD skillsets. The college received a letter of support from Florenz Design Studio for the CAD program that also indicated they would provide work-based learning opportunities to interested students. COA plans to retire its Mechanical Engineering and Architectural Technology programs in favor of the CAD program based on suggestions from industry input. The CAD program would provide graduates with skills that are considered suitable across diverse industry sectors such as construction, engineering, and manufacturing, while including emergent industries such as those associated with additive manufacturing (e.g., 3D printing). The college surveyed 432 traditional COA students, local high school students, and potential new students, to determine their interest in the CAD program. Forty students indicated that they were very interested in the program. The principal of First Flight High School submitted a letter of support for the CAD program, indicating that his team of counselors believed that the new program would be a strong pathway for students who would likely find the CAD coursework engaging. In addition to traditional job opportunities, it is noted that a career in CAD is especially suitable for self-employment.
Mitchell CC	Healthcare Management Technology (A25200)	<ul style="list-style-type: none"> A job search of the NC Works job site revealed multiple healthcare management job opportunities in the service area of Mitchell Community College. There are several healthcare facilities in the college's service area. Those healthcare facilities include Davis Regional Medical Center, Iredell Memorial Hospital, and Lake Norman Regional Medical Center. According to <i>the 2014 Mitchell Community College Annual Report</i>, Iredell County is expected to have a 248% increase in the population aged 75-84 by 2050. Preparing individuals to work in the healthcare management related domains is essential for the service area of Mitchell Community College.

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<i>May 15, 2015 (Continued)</i>		
Mitchell CC	Healthcare Management Technology (A25200) <i>(Continued...)</i>	<ul style="list-style-type: none"> • According to an online job search conducted by the college on February 2015, there were thirty healthcare management technology related jobs in the service area of the college. • Businesses in the service area of MCC have indicated a need to hire graduates who are well versed in Healthcare Management Technology. Mitchell Community College has received letters and emails of support for the implementation of the Healthcare Management Technology program from David Bradley, President of the Statesville Chamber of Commerce, along with representatives from Piedmont Healthcare, Iredell-Statesville Schools, Mooresville School District, Maple Leaf Healthcare, Iredell Health System, Hospice & Palliative Care of Iredell County, Gordon Hospice House, and Lake Norman Regional Medical Center. • In addition to traditional employment prospects with already established organizations, graduates with knowledge of healthcare management are also suitable for self-employment, contractor, and entrepreneur employment opportunities. • Required labs, hardware and software are in place to offer the program. Qualified instructors are available to teach the additional four courses Required for the proposed degree.
Wayne CC	Mechatronics Engineering Technology (A40350)	<ul style="list-style-type: none"> • According to data provided by the U.S. Bureau of Labor Statistics and the NC Department of Commerce Occupational Projections for 2010-20, regional employment of Electro-Mechanical technicians is expected to increase up to 27.8% resulting in 236 potential jobs. • Entry-level wages range from \$25,854 to \$36,830 and average wages for mechatronic technicians range from \$43,010 to \$64,110. • Letters of support for the program were received by the college from Duke Energy, Franklin Baking Company, LLC, and Uchiyama America, Incorporated. Duke Energy also indicated that they would support the program by providing local internship opportunities. • Letters of support for the program were received by the college from NC Eastern Alliance, Wayne County Chamber of Commerce, and Wayne County Development Alliance, Incorporated. • The college surveyed local area high schools to determine interest in the Mechatronics program. Sixty-eight students indicated that they were interested in pursuing the program. • The college was awarded a Golden Leaf grant that was used by the college to purchase over \$1.5 million in automated assembly line training equipment that has been incorporated into a modern training laboratory.
Wilson CC	Applied Engineering Technology (A40130)	<ul style="list-style-type: none"> • A 2014 college survey of local area employers revealed that there would be approximately 270 new job postings over the following ten year time period for individuals possessing skills associated with the program. • Average annual salaries for engineering and maintenance technicians range from \$35,210 to \$51,820. • According to data projections provided by the U.S. Bureau of Labor Statistics for 2012-22, regional employment of engineering and maintenance technicians is expected to increase 17%.

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May 15, 2015 (Continued)		
Wilson CC	Applied Engineering Technology (A40130) <i>(Continued...)</i>	<ul style="list-style-type: none"> Letters of support for the program were submitted to the college by Bridgestone, Sandoz, and Construct, Incorporated. Construct, a large industrial fabricating industry, also indicated that it expects to hire 15-20 new employees in the foreseeable future with the expectation that potential employees will be better prepared than recent applicants have been due to a notable skills gap that limits their job readiness. The college surveyed local area high schools to determine interest in the Mechatronics program. Seventy-nine students out of 227 surveyed indicated that they were interested in pursuing the program. A letter of support for the program were received by the college from Wilson Economic Development Council. The Council stated that local manufacturers were not able to find qualified workers with appropriate skill sets to meet hiring requirements. The college was awarded a Golden Leaf grant that was utilized by the college to purchase automated assembly line training equipment to support the program. The college stated that the local Industrial Management Council, which is comprised of industry plant managers, also indicated positive support for the program.
July 17, 2015 (Continued)		
Asheville-Buncombe TCC Central Piedmont CC Coastal Carolina CC College of The Albemarle Craven CC Durham TCC Fayetteville TCC Guilford TCC Johnston CC Mitchell CC Pitt CC Richmond CC Sandhills CC Wake TCC Wilkes CC	Associate in Engineering (A10500)*	<ul style="list-style-type: none"> The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college. The college has assessed the need for the program and the facilities and resources required to maintain a viable program and certifies that the college can operate this program efficiently and effectively within the facilities and resources available to the college. The college has evidence of sufficient student demand to offer the program and will provide master's credentialed faculty for each course provided under the Associate in Engineering degree.
Asheville-Buncombe Technical CC	Cardiovascular Sonography (A45160)	<ul style="list-style-type: none"> The Department of Health and Human Services expects the population aged 65 and over to grow by 75% over the next 20 years. Heart disease is the leading cause of death in the United States making cardiovascular healthcare needs a priority. U.S. News & World Report named Asheville as one of the "10 best places to retire." Asheville and western North Carolina will need more healthcare service to support this population.

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Asheville-Buncombe Technical CC	Cardiovascular Sonography (A45160) <i>(Continued...)</i>	<ul style="list-style-type: none"> The college is located next door to Mission Hospital, the largest hospital in western North Carolina and rated by Truven Health Analytics as a national top 50 cardiovascular hospital. Asheville Cardiology Associates, an affiliate of the Mission Health System, provides cardiology services for much of the area surrounding Asheville. This cardiology group performs over 15,000 cardiovascular ultrasound studies each year, including 3D echo and more than 3000 stress echo examinations. A cardiovascular program at the college would assist in meeting the needs of the region. In 2001, A-B Tech began offering the Medical Sonography (A45440) program. Employers are requiring sonographers to be credentialed in multiple specialties including vascular and cardiac. This requirement comes from increased legislation tying reimbursement to credentialing. <i>(SDMS Newswave February 2012)</i> The U.S. Bureau of Labor Statistics projects the need for credentialed sonographers to grow by forty-four percent between 2010 and 2020. During this same time period, cardiovascular jobs are expected to grow by twenty-nine percent. The NC Department of Commerce projects a 25% job growth for cardiovascular sonographers in western North Carolina. Economic Modeling Specialists Inc. (EMSI) predicts a 35% growth in western NC within the next ten years. The Cardiovascular Sonography program will augment the current Medical Sonography program and will be able to share equipment and space. Additional costs for the program would include: cardiac probes and software to be used with existing ultrasound scanners, an adjunct instructor and accreditation expenses.
Craven CC	Computer-Aided Drafting Technology (A50150)	<ul style="list-style-type: none"> CareerBuilder.com employment statistics indicated that there were 120 CAD positions available regionally in the Eastern and Northeast Economic Prosperity Zones. According to data projections provided by the U.S. Bureau of Labor Statistics for 2012-22, regional employment of CAD or design technicians is expected to increase 1-7%. Additionally, CAD technicians earn on average approximately \$24.64 per hour which equates to an average annual salary of approximately \$50,000. A letter of support for the CAD program was submitted to the college by Aylward Enterprises indicating that they would assist with work-based learning opportunities. Letters of support for the CAD program were received by the college from the Eastern Carolina Workforce Development Board, the Craven County Schools CTE Director, and the MacDonald Middle School STEM Facilitator. The college plans to retire its Mechanical Engineering Technology program in favor of the CAD program based on industry input. CAD skills would provide graduates with skills that are considered suitable across diverse industries including emergent industries such as those associated with additive manufacturing (e.g., 3D printing). One hundred and six traditional Craven Community College students and Early High School students were surveyed to determine their potential interest in the CAD program. Forty students indicated that they were very interested in the program.

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Craven CC	Computer-Aided Drafting Technology (A50150) <i>(Continued...)</i>	<ul style="list-style-type: none"> In addition to traditional job opportunities, it is noted that a career in CAD is especially suitable for self-employment.
Davidson County CC	Applied Engineering Technology (A40130)	<ul style="list-style-type: none"> U.S. Bureau of Labor Statistics project 17% growth for machinery mechanics and maintenance workers jobs for 2012-22 with annual median salaries of \$45,490 (mechanics) and \$63,750 (engineering technicians). Eleven local employers responded to an employment survey, estimating that there will be 30-37 employment positions potentially available within the next three years. Northwest Piedmont Development Board performed a labor market overview in November of 2014 that indicated the 6th most requested occupation in Davie County was maintenance and repair workers. Davidson Works similarly rated maintenance and repair workers as the 5th most commonly unfilled occupation in that region through a similar market survey. DCCC has filed for apprenticeship opportunities with the U.S. Department of Labor that the college suggests will mesh nicely with this education pathway, thereby providing additional opportunities for individuals seeking immediate employment that will be aligned to the Applied Engineering Technology (AET) program. The college surveyed 154 currently enrolled college students and local high school students with 89 indicating that they were interested in the Applied Engineering Technology program. The college currently offers most of the courses that are required for the Applied Engineering Technology program under existing industrial and engineering technology programs; therefore, there will be very little additional instructional expense involved with offering the proposed program. The college has plans to terminate their Industrial Systems Technology program in favor of the AET program.
Forsyth Technical CC	Motorcycle Mechanics (A60260)	<ul style="list-style-type: none"> The U.S. Bureau of Labor Statistics project 6% growth in motorcycle and small engine mechanic jobs for 2012-22 with median pay of \$15.69 per hour. Fourteen job openings were posted in early May by area employers on Craig's List for motorcycle and small engine technicians. Kevin Powell Motorsports, Made For Play Motorsports, Kustom Werks, Smokin' Harley-Davidson, B & B Racing, Keller Motorsports, Victory Motorsports LLC, Wall to Wall ATV and Cycle, Reaper Custom Fabrication, and Tim's Auto, Lawnmower, and ATV Repair issued letters of support for the program. Three employers indicated that they would support work-based learning opportunities for students enrolled in the Motorcycle Mechanics program. The college surveyed 196 currently enrolled and local high school students with 114 indicating that they were interested in the program.

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Gaston College	Manufacturing Technology (A50320)	<ul style="list-style-type: none"> • According to data provided by the NC Department of Commerce for 2010-20, local growth in the region for manufacturing employment is expected to increase 12.7%. • The college surveyed local manufacturing employers who indicated that a technical skills gap existed that limited their ability to hire local candidates. They suggested that they could place approximately 20 appropriately skilled individuals into careers. • Letters of support for the program were received by the college from STEAG Energy Services, LLC, LANXESS Corporation, Daimler Trucks North America Components and Logistics, Affinia Group, and Pharr Yarns. • The college received letters of support from the Gaston Regional Chamber, Gaston and Lincoln County Schools, Gaston County Economic Division, and Lincoln Economic Development Association. • The college surveyed currently enrolled industrial program college students to determine interest in the program. Sixteen students indicated that they were interested in pursuing the program. <p>The college has invested resources into refurbishing an existing building into what will become their newly established advanced manufacturing facility.</p>
Johnston CC	Gunsmithing (A30200)	<ul style="list-style-type: none"> • During the 2013-14 academic year, the college began offering gunsmithing courses through continuing education. The courses have had healthy enrollment and several of the continuing education students have expressed an interest in the curriculum program. • The program lends itself to entrepreneurial opportunities (repairing and refinishing firearms, gun sales, custom design and manufacturing) for graduates. The Workforce Development Center and Small Business Center will work with curriculum instruction to align entrepreneurial and small business services for Gunsmithing students. • The number of gun permits issued in Johnston county has increased 15.3% from 2009 to 2014 indicating the need for repair and maintenance of firearms in the colleges' service area. • A letter of support was received from the owner of Wheeler Custom Gunworks indicating a need for employees with gunsmithing skills. The owner notes the recent legalization of suppressors for hunting and his plans to begin production of suppressors in addition to their continuation of custom firearm work. • A letter of support was received from the owner of Down East Tool & Machine indicating a need for local gunsmiths. <p>Both letters of support included notes on the value in learning gunsmithing skills in person versus online training.</p>
Montgomery CC	Nurse Aide (Certificate) (C45840)	<ul style="list-style-type: none"> • It is estimated seventy to eighty percent of the hands-on assistance to individuals with long-term and personal assistance needs are provided by direct care workers. Direct care workers include the following: nursing aides, home health aides, and personal care aides. In the U.S., the direct-care workforce surpassed 3.3 million in 2010 and an additional 1.6 million new positions is projected by 2020. (<i>Paraprofessional Healthcare Institute, February 2013</i>)

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Montgomery CC	Nurse Aide (Certificate) (C45840) <i>(Continued...)</i>	<ul style="list-style-type: none"> An increasing aging population will have more medical conditions which will require an increase in health care professionals. Research demonstrates a growing shortage of nurse aides both nationally and state-wide. The Regional Partnership Workforce Development Board's labor market analysis shows that nurse aides, orderlies and attendants are "hot jobs" in the region. It is projected that health services is expected to grow by sixteen percent from 2010 to 2020. MCC has offered Certified Nurse Aide I and II courses through continuing education since the 1980's. The college has the facilities, equipment, learning resources, and credentialed faculty to offer the program. Montgomery County Schools requested that MCC offer the Nurse Aide program as a Career and College Promise pathway for their students.
Sampson CC	Human Services Technology (A45380)	<ul style="list-style-type: none"> According to the U.S. Department of Labor Occupational Outlook, <i>Employment of social and human service assistants is projected to grow twenty-two percent from 2012-2022, much faster than the average for all occupations. The anticipated growth is attributed to the increase in elderly populations which will result in an increase in health care and social services. Additional growth is expected as more people seek treatment for their addictions and more drug offenders are sent to treatment programs rather than to jail. Human Service workers will also be needed to help social workers investigate child abuse cases, as well as place children in foster care with adoptive families.</i> Nationally, the projected growth rate for Social and Human Service Assistants is an increase of twenty-two percent or 17,870 annual job openings compared to North Carolina's increase of thirteen percent or 300 annual job openings. (O-NET) The high schools have expressed interest in SCC offering the program as a Career and College Promise pathway for their students. The Sampson County Social Services Director expressed <i>a continual need for skilled workers. She indicated those with an Associate Degree would be in a better position to be hired and it would be beneficial if they were able to speak Spanish.</i> The Eastpointe Mental Health Community Relations Specialist reports there is <i>an ample need in Sampson County for these graduates. She expressed the need for more qualified professionals in mental health to assist with case management and case support.</i> Out of the seven counties that border Sampson County, only two counties are served by a community college that offers the Human Services Technology program.
Southeastern CC	Nurse Aide (Certificate) (C45840)	<ul style="list-style-type: none"> The NC Center for Public Policy reported, <i>by 2030, North Carolina's aging population is expected to double, rising from 1.1 million to 2.2 million.</i> An increasing aging population will have more medical conditions which will require an increase in health care professionals. State and County Quick Facts reports <i>17.3% of Columbus County residents are age 65 and older.</i>

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<i>July 17, 2015 (Continued)</i>		
Southeastern CC	Nurse Aide (Certificate) (C45840) <i>(Continued...)</i>	<ul style="list-style-type: none"> • According to the 2015 County Health rankings for North Carolina, Columbus County was ranked as the lowest county (100th out of 100 counties) for health outcomes which measure how long people will live and how healthy people feel. • Personal care aides and home health aides are projected to be the fastest-growing occupations in the country between 2010 and 2020, increasing seventy-one percent and sixty-nine percent, respectively. Nursing aides, orderlies and attendants are expected to increase by twenty percent. <i>(Paraprofessional Healthcare Institute, February 2013)</i> • Southeastern Community College currently offers a state approved Nurse Aide program through its Workforce Development division. In the 2013-14 calendar year, 474 students enrolled in Nurse Aide or Nurse Aide related courses. • Southeastern Community College has the resources (personnel, equipment, facilities, and clinical placements) available to implement the proposed program. • Southeastern Community College noted each course in this program will provide the student with a specific skill set that is in high demand. The Nurse Aide I will provide the students the educational background to test for certification necessary to practice in the state as a CNA. The Home Health Care Nurse Aide course provides training specific to the home health industry and the Geriatric Aide course provides training specific to working with their senior population. • The Career and Technical Educators from Columbus County Schools and Whiteville City Schools met with the college to discuss the increasing demand for allied health careers. Representatives from the high schools, college, and health care industry have continued to meet and evaluate employer needs within the area. • Using a recent PLAN assessment, Whiteville City Schools were able to determine that thirty-eight percent of their students are interested in allied health as a career. Columbus County schools noted their numbers were similar. Using Whiteville High School as an indicator of demand, 57 out of 149 students in the 10th grade were interested in allied health. The school offers one Nursing Fundamentals class (which is equivalent to the Nurse Aide I course) per year. Based on their limited faculty, only ten of the fifty-seven interested students would have the opportunity to receive this training through the high school.
Wilkes CC	Cosmetology (A55140)	<ul style="list-style-type: none"> • The college has operated a Cosmetology program through continuing education for a number of years with enrollment averaging over 75 students annually for the past five years. The addition of a curriculum program option will allow students to have financial aid opportunities. • WCC plans to provide the Cosmetology program through curriculum which will allow eligible high school students to enroll in a CTE Cosmetology pathway through Career and College Promise. • According to the U.S. Department of Labor, the median hourly wage for hairdressers and cosmetologists was \$10.91 in May of 2012. Employment of barbers, hairdressers, and cosmetologists is projected to grow 13 percent from 2012 to 2022.

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Community College (CC)	Curriculum Title and Code	Rationale for Approval
<i>July 17, 2015 (Continued)</i>		
Wilkes CC	Cosmetology (A55140) <i>(Continued...)</i>	<ul style="list-style-type: none"> • NC Department of Commerce estimates there will be 519 additional jobs available for hairdressers and cosmetologists in North Carolina annually between 2010-2020. • Regionally, the High Country Workforce Development Board, which includes Alleghany, Ashe, Avery, Mitchell, Watauga, Wilkes, and Yancey counties, projected a 22.2% growth in employment opportunities for hairdressers, hairstylists, and cosmetologists between 2010-2020. (NC Department of Commerce) • Local employers have indicated an interest in WCC starting a Cosmetology program. The owner of The Cutter's Edge Salon submitted a letter of support and indicated, <i>One of the greatest benefits of offering Cosmetology as a degree program is the ability to recruit high school students looking for career credentials. This would be a win-win for those of us who operate our own salons, for students, and for the local economy.</i> • The Superintendent of Alleghany County Schools submitted a letter of support and stated, <i>Giving high school students opportunities to participate with both high school and community college curricula bridges the gap between high school and post-secondary options for our students. Cosmetology and manicuring are careers that are in high demand in the region.</i> <p>The Superintendent of Ashe County Schools submitted a letter of support and stated, <i>Offering the [Cosmetology] program through Career and College Promise will allow students the opportunity to gain high school and community college credits. It will also assist students in preparing for their post-secondary career.</i></p>
Wilkes CC	Nurse Aide (Certificate) (C45840)	<ul style="list-style-type: none"> • Between 2013 and 2018, Economic Modeling Specialists Inc. (EMSI) projects WCC's service area will experience a fifteen percent increase in the population between ages 65 to 84. An increasing aging population will have more medical conditions which will require an increase in health care professionals. • WCC currently offers a state-approved Nurse Aide I program through continuing education. Over the past five years they have enrolled over 1,300 students in their courses. • The high schools in Wilkes, Ashe and Alleghany counties have expressed interest in WCC offering the Nurse Aide program as a Career and College Promise pathway for their students. • Letters of support for the Nurse Aide program were submitted to WCC by local employers and stakeholders who include: Avante of Wilkesboro, Westwood Hills Nursing & Rehabilitation Center, Wilkes Regional Medical Center, Ashe Memorial Hospital, Alleghany Memorial Hospital, Wilkes County Schools and Alleghany County Schools. • The Wilkes County Associate Superintendent submitted a letter of support and stated <i>with the state mandated class size limit of ten students in this double block course, each of our high schools can only serve 20 students per year in the Nurse Aide program. There is a high demand for this course among our student population. Every year students are "turned away" due to class size limit.</i>

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Community College (CC)	Curriculum Title and Code	Rationale for Approval
July 17, 2015 (Continued)		
Wilkes CC	Nurse Aide (Certificate) (C45840) (Continued...)	<ul style="list-style-type: none"> Administration at Avante of Wilkesboro stated <i>they currently employ 39 Nurse Aides and have six vacancies. Typically, they have a 36% turnover rate in their CNA staff.</i> Administration at Westwood Hills Nursing & Rehabilitation Center noted <i>they currently employ 82 Nurse Aides and have 20 vacancies. Normally, they have an 80% turnover rate in their CNA staff.</i> Administration at Wilkes Regional Medical Center noted <i>they employ approximately 20 Nurse Aides and have eight vacant positions at this time.</i>
August 21, 2015		
Pitt CC	Breast Sonography (Certificate) (C45490)*	<ul style="list-style-type: none"> PCC's advisory committee for their Mammography program requested the development of this program. Both mammography and breast sonography will provide registered radiographers a career pathway or sequence of credentials they can build upon that will boost their job qualifications, providing them competitive advantage and increased marketability in the health care industry. Currently, PCC offers Medical Sonography (A45440) and Cardiovascular Sonography (A45160). Therefore, PCC has the resources (personnel, facilities, clinical placements, etc.) available to implement the proposed Breast Sonography (Certificate) program. It is reported in the U.S. Breast Cancer Statistics that <i>Breast cancer is the most common type of cancer among women in the United States. In 2014, almost 300,000 new cases of invasive and non-invasive breast cancer were expected to be diagnosed in women. Approximately, 2,360 new cases of invasive breast cancer were expected to be diagnosed in men. Although, mortality rates for breast cancer have declined since 1989, an estimated 40,000 women were expected to die in 2014 from the disease.</i> It is documented in the NC Central Cancer Registry <i>that the rate of breast cancer incidence in Pitt County is 171 per 100,000 people; the 8th highest incidence rate among all NC counties.</i> "Breast sonography, also known as breast ultrasound, is not routinely used for breast cancer screening or considered a replacement for mammograms. However, it is used to evaluate breast problems that are found during diagnostic mammograms, other screening measures, or physical exam. Advantages of breast sonography is its non-invasive, well-tolerated by patients, cost less than other imaging options such as MRI, and plays an important role in breast imaging as an adjunct to conventional mammography, particularly for women with dense breasts." (American Cancer Society, 2014 Breast Ultrasound) In 2015, the Society of Breast Imaging noted <i>One major disadvantage of breast sonography is the examinations are operator dependent and the skills among those currently performing breast sonography is variable. There is a shortage of qualified personnel, both sonographers and radiologists, who can perform breast sonography with the necessary expertise.</i> The American Registry of Radiologic Technologists (ARRT) presently offers a registry credential for those demonstrating proficiency in breast sonography. As of March 2, 2015, the ARRT reports there are a total of 1,657 registered mammographers and 18 registered breast sonographers in North Carolina.

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Community College (CC)	Curriculum Title and Code	Rationale for Approval
<i>August 21, 2015 (Continued)</i>		
Pitt CC	Breast Sonography (Certificate) (C45490)*	<ul style="list-style-type: none"> National employment data does not disaggregate breast sonography from other types of sonographic exams. The U.S. Bureau of Labor Statistics includes breast sonography among the diagnostic medical sonography specialists and projects the number of jobs to grow by 39% from 2012-2022. In 2012, median annual pay was \$65,860. There are three employers in Pitt County that perform breast imaging procedures. All three employers when surveyed indicated a need for the program but they were unable to project the number of positions they would have open. A total of 18 registered mammographers are employed by these facilities. Currently, two of the employers rely on radiologists and the third relies on general internal medicine staff to perform the breast sonography procedures. Letters of support for the program were submitted to PCC by Carolina Breast Imaging Specialists, Nash Health Care Systems, Wilson Medical Center, Halifax Regional, Physicians East, and Eastern Radiologists. PCC assessed student interest by surveying graduates of their Mammography Program. Seventeen out of 31 graduates responded to the survey. All seventeen expressed interest in the program. PCC plans to offer the Breast Sonography (Certificate) program totally online with the exception of scanning labs and clinical rotations. Scanning labs will be facilitated on campus and clinical rotations will be completed in breast imaging centers.
Pitt CC	Nurse Aide (Certificate) (C45840)	<ul style="list-style-type: none"> PCC has offered Nurse Aide (NA) training in the Continuing Education and Community Development Division since at least 1990. Completers are eligible for the Nurse Aide I (NAI) and Nurse Aide II (NAII) certification exams. From January 1, 2012 through May 14, 2015, 627 students completed the NAI course and 295 students completed the NAII course. Employment of nurse aides is expected to grow as the baby-boomer population ages and the population of individuals diagnosed with several chronic conditions and dementia increases. According to data from the U.S. Bureau of Labor Statistics, the job outlook for nurse aides is growing faster than average. The number of jobs is expected to grow twenty-one percent from 2012-2022 (the equivalent change of 321,200 jobs). According to Economic Modeling Specialist International (EMSI), there will be positive job growth for nurse aides in Pitt County. The number of jobs is expected to grow 5.9% from 2011-2020. Ninety-two percent of the nurse aide jobs in Pitt County are expected to be in hospitals, nursing homes, and assisted living facilities. PCC has received multiple requests from the healthcare industry and their local high schools to develop entry-level career pathways that lead to marketable credentials in health science disciplines. Interest has increased over the past year since PCC will begin an Early College High School in Fall 2015. Once PCC receives approval for the Nurse Aide certificate program, they plan on seeking approval for the Therapeutic and Diagnostic Services-Nurse Aide pathway. This pathway will provide an entry-level career pathway for credit students interested in a health science discipline, provide pre-health students not selected for entry into a health sciences associate degree an alternative educational pathway that can lead to employment, and enable PCC to develop a Career and College Promise (CCP) pathway for high school students.

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<i>August 21, 2015 (Continued)</i>		
Pitt CC	Nurse Aide (Certificate) (C45840) <i>(Continued...)</i>	<ul style="list-style-type: none"> • PCC has the resources (personnel, equipment, facilities, clinical placement, etc.) available to implement the proposed Nurse Aide Program. • Letters of support for the program were submitted to PCC by Vidant Medical Center, Golden Living Center, Pitt County Schools Health Science Academy and Pitt County Schools Early College High School. • Vidant Medical Center's Chief Corporate Services Officer noted <i>we are supportive of the continued expansion of health care programs offered within our community. We are excited about the many training opportunities that PCC continues to provide in both their curriculum and continuing education divisions to meet the needs of their students and our workforce region.</i> • The Executive Director at the Golden Living Center noted <i>Nurse Aides is one of the fastest-growing occupations....It is predicted by the Bureau of Labor and Statistics that an industry shift has begun that puts more emphasis on outpatient care and home health services. The proverbial shift makes nursing assistants, home health, and personal care aides three of the fastest growing occupations in the country.</i> • The Coordinator for the Pitt County Schools Health Science Academy noted <i>our Academy provides our students with opportunities to grow as a future health care professional, and our partnership with PCC has allowed our students valuable education opportunities in many different health care areas. Many of our students are interested in taking dual enrollment courses with PCC through the CCP pathways, and this addition would allow our students to take courses that help develop their skills and talents in the health sciences.</i>
Pitt CC	Phlebotomy (Certificate) (C45600)	<ul style="list-style-type: none"> • PCC has offered phlebotomy training in the Continuing Education and Community Development Division since at least 2007. Training has been non-credit and completers are eligible for the phlebotomy certification exam. From January 1, 2012 through May 14, 2015, 110 students completed the Phlebotomy Program. • The demand for phlebotomists is expected to remain high as doctors and other healthcare professionals require blood work for analysis and diagnosis. According to the U.S. Bureau of Labor and Statistics data, the job outlook for phlebotomists is growing much faster than average. The number of jobs is expected to grow twenty-seven percent from 2012-2022 (the equivalent change of 27,100 jobs). • According to Economic Modeling Specialist International (EMSI), there will be significant job growth for phlebotomists in Pitt County. The number of jobs is expected to grow 25.5% from 2011-2020. Eighty-six percent of the phlebotomy jobs in Pitt County are expected to be in hospitals, medical labs, diagnostic imaging centers, and blood/organ banks. • PCC has received multiple requests from the healthcare industry and their local high schools to develop entry-level career pathways that lead to marketable credentials in health science disciplines. Interest has increased over the past year since PCC will begin an Early College High School in Fall 2015.

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<i>August 21, 2015 (Continued)</i>		
Pitt CC	Phlebotomy (Certificate) (C45600) <i>(Continued...)</i>	<ul style="list-style-type: none"> Once PCC receives approval for the Phlebotomy certificate program, they plan on seeking approval for the Therapeutic and Diagnostic Services-Phlebotomy pathway. This pathway will provide an entry-level career pathway for credit students interested in a health science discipline, provide pre-health students not selected for entry into a health sciences associate degree an alternative educational pathway that can lead to employment, and enable PCC to develop a Career and College Promise (CCP) pathway for high school students. PCC has the resources (personnel, equipment, facilities, clinical placement, etc.) available to implement the proposed Nurse Aide Program. Letters of support for the program were submitted to PCC by Vidant Medical Center, Golden Living Center, Pitt County Schools Health Science Academy and Pitt County Schools Early College High School. Vidant Medical Center's Senior VP-Nurse Executive noted <i>as a clinical partner to PCC our organization relies on their programs to produce a competent workforce to meet our employment needs.</i> The Coordinator for the Pitt County Schools Health Science Academy noted <i>our Academy provides our students with opportunities to grow as a future health care professional, and our partnership with PCC has allowed our students valuable education opportunities in many different health care areas. Many of our students are interested in taking dual enrollment courses with PCC through the CCP pathways, and this addition would allow our students to take courses that help develop their skills and talents in the health sciences.</i> The Principal of the Pitt County Schools Early College High School noted <i>these programs will provide entry-level curriculum pathways that will lead to marketable credentials for students interested in health sciences.</i>
Central Carolina CC Nash CC	Associate in Engineering (A10500)*	<ul style="list-style-type: none"> The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college. The college has assessed the need for the program and the facilities and resources required to maintain a viable program and certifies that the college can operate this program efficiently and effectively within the facilities and resources available to the college. The college has evidence of sufficient student demand to offer the program and will provide master's credentialed faculty for each course provided under the Associate in Engineering degree.
Central Carolina CC	Health Information Technology (A45360)	<ul style="list-style-type: none"> In Fall 2014, CCCC conducted a health sciences program planning survey with all hospital CEOs, Chief Nursing Officers, and hiring managers in their service area. Approximately 81% of the respondents indicated that the Registered Health Information Technician (RHIT) was in high demand in their agencies. According to the NC Department of Commerce, the local job demand in the Triangle South Workforce Development region in the state will experience an 11.1% and 12.5% increase respectively for Health Information Technicians (HIT) and Health Technologists until 2020. In April 2015, 337 HIT job openings were advertised on NCworks.gov. O-Net Online lists HIT's as a bright outlook occupation that is expected to grow rapidly between 2012-2022.

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Central Carolina CC	Health Information Technology (A45360) <i>(Continued...)</i>	<ul style="list-style-type: none"> The Employment Security Commission of NC/NC Labor & Economic Analysis Commerce estimates a 22% increase with a projection of 260 annual job openings. National data indicates that the annual employment demand for HIT's will increase 22% or 9,040 job openings. NC employment data indicated that 87% of HIT graduates from 2011-2012 were employed within one year of graduation. (NCTower.com) CCCC, through a Curriculum Student Satisfaction Survey and a survey on current and prior Continuing Education students in Medical Coding, Electronic Health Records, Medical Terminology and Anatomy and Physiology, identified 214 students potentially interested in the program. The Harnett Health Sciences Building recently opened on the CCCC campus in Lillington. In November 2014, a twenty-three million dollar bond referendum passed which will enable the college to build a nine million dollar Health Sciences building. Dedicated classroom and office space is planned for the HIT program. Womack Army Medical Center's Medical Coding Auditor/Trainer <i>is supportive of the implementation of HIT at CCCC. She has agreed to serve as a HIT Advisory board member and to provide placements for practicum experiences.</i>
McDowell Technical CC	Emergency Management (A55460)	<ul style="list-style-type: none"> The effect of the September 11 attacks still reverberate through both public and private sector organizations. As a result, spending directed at emergency management and disaster mitigation has increased. This increased spending has increased the employment opportunities in the emergency management field. The Bureau of Labor Statistics expects employment to grow by twenty-two percent, by 2018. (US News & World Report, 2011) Marion's Chief of Police and the Sheriff of McDowell County expressed difficulty in finding qualified individuals to fill employment vacancies and difficulty in finding courses or programs that would be beneficial to their staff within the area. The Director of Staff Development and Training with the NC Department of Public Safety (DPS) indicated <i>they are the single-largest agency in NC, with over 26,000 full-time employees in both sworn/certified and civilian positions. I believe the creation of this Associate Degree program will benefit emergency management and criminal justice agencies by providing a better educated applicant pool, a more efficient work force, and a safer North Carolina.</i> The County Manager for McDowell County noted <i>the program would help improve emergency services and improve the work force. McDowell County fully endorses the initiative and offers its resources to assist.</i> McDowell County EMS is responsible for providing paramedic level emergency care to citizens and visitors of McDowell County. They respond to nearly 10,000 calls for service annually. In 2013, McDowell EMS was the first agency in western NC to develop and implement a Community Care Paramedic program. This program is designed to assist high risk patients improve health and wellness and also devote extensive time and resources to elderly patients.

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McDowell Technical CC	Emergency Management (A55460) <i>(Continued...)</i>	<ul style="list-style-type: none"> The Director of Emergency Services for McDowell County noted <i>Western NC is in need of an emergency management program as this will complement existing agency programs within McDowell County. McDowell Emergency Services routinely hires and promotes employees for the EMS division along with the 911 center. The ability to obtain an associate's degree in EM will be a substantial improvement in the level of education currently available for public safety employees across all disciplines within Western NC.</i> McDowell County Office of Emergency Management works to protect the citizens of McDowell County through an integrated Emergency Management framework. The four principle functions of their office are: preparedness, response, recovery, and mitigation in planning for natural and man-made disasters. <i>"Nationally, the employment of Emergency Management Directors is projected to grow eight percent from 2012 to 2022, about as fast as the average for all occupations. Employment of Emergency Management Directors is expected to grow the fastest in hospitals, schools, and private companies. For example, Emergency Management Directors is projected to grow by eighteen percent in health care and social assistance and twenty-two percent in the professional, scientific, and technical services industries from 2012 to 2022."</i> (Bureau of Labor Statistics, U.S. Department of Labor) MTCC plans to offer courses to local high school students through Career and College Promise. They anticipate 220 students from the high schools participating in EMT, Fire, and Law and Justice programs. The Emergency Management curriculum would provide these students with a foundation of technical and professional knowledge needed for emergency services delivery.
Roanoke-Chowan CC	Emergency Medical Science (A45340)	<ul style="list-style-type: none"> RCCC offers EMT and paramedic courses through continuing education. Between 2013 and 2014 RCCC experienced an increase in their EMS course enrollment from 29.43 FTE's to 63.82 FTE's. The Bureau of Labor and Statistics (BLS) indicates the national demand for Emergency Medical Technicians and Paramedics is expected to increase by 23% between 2012 and 2022 or annually 12,060 job openings. BLS projects NC is expected to have a similar increase of 22% or 480 job openings on an annual basis. The college provides training for fifty-two fire, rescue and law enforcement departments within their service area. Hertford County is one of only five counties in the state that does not require first responders to be certified Paramedics. Many first responders in the area are trained at the Emergency Medical Technician Basic Level. It is the goal of the Hertford County EMS Director to increase the skills and training level of personnel to the Paramedic level. The high schools in Hertford and Northampton counties are interested in the Emergency Medical Science program being available as a Career and College Promise pathway for their students. Letters of support for the program were submitted to RCCC by Hertford County Public Schools, Northampton County Schools, Hertford County Department of Emergency Medical Services, Bertie County Emergency Services, and Vidant Roanoke-Chowan Hospital

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Roanoke-Chowan CC	Emergency Medical Science (A45340) <i>(Continued...)</i>	<ul style="list-style-type: none"> The President of Vidant Roanoke-Chowan Hospital noted <i>first responders trained as paramedics will be able to provide higher quality care in the field resulting in better patient outcomes. The increased training program and additional clinical hours will enhance the quality of life of our area residents.</i>
<i>October 30, 2015</i>		
Piedmont CC	Mechatronics Engineering Technology (A40350)	<ul style="list-style-type: none"> According to data provided by the U.S. Bureau of Labor Statistics there is 25.7% growth projected in mechatronics industries nationally. North Carolina has the 4th highest estimated growth rate (53.4%) in the nation for mechatronics engineers and technicians. NCWorks Online posted over 200 regional positions on their job search website for maintenance technicians within the "North Central Prosperity Zone". This is one of eight newly established regions created by NC Commerce containing one of the college's two counties. The U.S. Department of Labor estimates that the average annual salary for mechatronics engineering technicians is \$38,394. A letter of support for the program was received by the college from local company Louisiana Pacific Building Products. The company suggested that there currently exists a skills-gap between the competencies potential hires possessed and the skills that are required to maintain modern industrial equipment. Hiring considerations would be favorable for individuals possessing mechatronic-specific skill sets. The college surveyed one hundred eighty-five Piedmont Community College and local high school students. One hundred fourteen students indicated that they were very interested in enrolling in the mechatronics program. The college received a letter of support from Person County Schools' Career and Technical Education Director in support of the mechatronics program and also reaffirming the strong collaborative partnership that exists between the school system and Piedmont CC that is the basis for continued student success strategies such as the newly proposed program.
<i>December 4, 2015</i>		
Alamance CC	Mechatronics Engineering Technology (A40350)	<ul style="list-style-type: none"> According to data provided by the U.S. Bureau of Labor Statistics for 2012-22, 17% growth is projected for industrial machinery technician jobs nationally. Data from the NC Department of Commerce's County Labor Market Conditions 2015 report indicated that Alamance County added 400 jobs in the manufacturing sector since the beginning of the year, representing a 4.7% increase in the types of jobs that are expected to be supported by the mechatronics program. A local industry survey involving eight companies conducted in August, 2015, indicated that there will be as many as 130 positions available within the manufacturing sector to qualified individuals. Companies expressed the challenge they have faced filling positions because of a skills-gap caused by the transition of traditional manufacturing to advanced manufacturing which requires specific automation process and control technician skill sets currently lacking in the field. The National STEM Consortium estimates average annual salaries for mechatronics technicians to be approximately \$50,000 and the job outlook is expected to be "bright" through at least 2018.

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Alamance CC	Mechatronics Engineering Technology (A40350)	<ul style="list-style-type: none"> Letters of support for the program were received from the Alamance-Burlington School System Superintendent and the Carolina Corridor economic development President, Engineered Controls International, LLC, Technical Precision Plastics, Inc., Fairystone Fabrics, Inc., and GKN Driveline North America, Inc. The college worked with local workforce development agencies, the county school system, and a consortium of seven companies (Engineered Controls, International; Fairystone Fabrics, LLC; GKN Driveline; Glen Raven, Inc.; Nypro, a Jabil Company; Sandvik AB; and Technical Precision Plastics, Inc.) engaged in advanced manufacturing to form the Career Accelerator Program (CAP) apprenticeship partnership. This innovative model will allow students to be paid apprentices in one of these local industries while completing their studies beginning as high school seniors and following at ACC. This pathway from high school through ACC to industry will result in the awarding of an AAS in Mechatronics Engineering Technology, a Registered Apprenticeship certificate, and access to advanced manufacturing jobs in the community. The proposed mechatronics program is designed to replace the college's Industrial Systems Technology program. The mechatronics program will include competencies better aligned to advanced manufacturing industry employee skill requirements. The college surveyed 45 current students regarding their interest in enrolling in a mechatronics program. Nearly 70% of the students indicated interest in enrolling. In addition, there are 10-12 apprenticeship positions available to senior high school students who plan on enrolling in the mechatronics program beginning in Fall 2017.
Asheville-Buncombe Technical CC	Occupational Therapy Assistant (A45500)	<ul style="list-style-type: none"> In 2010, the NC Department of Commerce reported that 13% of the population in Buncombe County was 65 years of age or older. In 2014, this percentage had increased to 24.5%. Western North Carolina is a desirable retirement location. An increasing aging population will have more medical conditions which will require an increase in Occupational Therapy Assistants (OTAs) and other health care professionals. Economic Modeling Specialists Inc. (EMSI) reports employment for OTAs is expected to grow by 28% in Buncombe and Madison counties. Health care is one of the top employment sectors in western North Carolina. The median hourly wage, for OTAs in Buncombe and Madison counties, is \$31.40 which is among the higher salaries for health care professionals with an associate degree. The U.S. Bureau of Labor Statistics projects the need for OTAs to grow by 41% between 2012 and 2022. A letter of support for the program was submitted to A-B Tech by the Mission Hospital Healthcare System. In 2011, the U.S. Department of Health and Human Services Task Force on Aging reported nationally seventy-seven million baby boomers would turn sixty-five years of age that year. They also projected by 2025 the number of Medicare recipients will reach 69.3 million and represent 20.6% of the U.S. population.

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Community College (CC)	Curriculum Title and Code	Rationale for Approval
<i>December 4, 2015 (Continued)</i>		
Asheville-Buncombe Technical CC	Occupational Therapy Assistant (A45500) <i>(Continued...)</i>	<ul style="list-style-type: none"> • Demand for allied health professionals varies by employment setting, since facilities deliver different types of care to patients with conditions of varying acuity. Long-term care facilities accounted for the highest percentage of vacancies for OTAs at fifty-four percent. <i>(Allied Health Job Vacancy Tracking Report, March 2012)</i>
Halifax CC	Associate in Engineering (A10500)*	<ul style="list-style-type: none"> • The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college. • The college has assessed the need for the program and the facilities and resources required to maintain a viable program and certifies that the college can operate this program efficiently and effectively within the facilities and resources available to the college. • The college has evidence of sufficient student demand to offer the program and will provide master's credentialed faculty for each course provided under the Associate in Engineering degree.
Mitchell CC	Culinary Arts (A55150)	<ul style="list-style-type: none"> • The Culinary Arts program at Mitchell Community College will be designed to provide employment opportunities for graduates in full service restaurants, hotels, catering operations, contract food services, and institutional in-house operations. • The college expects to incur minimal expenses with the delivery of the Culinary Arts Program. Because of the partnership between MCC and the Iredell-Statesville Schools which includes the career and technical focus within the school system, current resources, including classroom resources are in place. With an anticipated high demand for the program, additional facilities will be available. • Data from the NC Department of Commerce indicated culinary related jobs are expected to increase at a rate of 25.5% Iredell County between 2012-2022 which is higher than the national average of 19%. The average wage for culinary positions in the area is \$15.74 per hour. • In June of 2015, there were 289 job postings for bakers, chefs and head cooks, first line service managers, and food service managers in Iredell County. Of the 289 openings, 79 were unique job postings (NC Department of Commerce). • In addition to traditional employment prospects with already established organizations, students with a knowledge of Culinary Arts are also suitable for self-employment, contractor, and entrepreneur employment opportunities. • The Statesville Chamber of Commerce provided a letter of support and stated that this program would <i>provide much more extensive study for this growing field and would build upon the Culinary Arts curriculum that is offered at the Career Academy and Technical School.</i> • The Director of Career and Technical Education for Iredell-Statesville Schools indicated that this program would <i>afford high school students opportunities that are above and beyond what is currently available to them.</i>

**Appendix A: Traditional Curriculum Program Approvals by
State Board of Community Colleges Approval Date**

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<i>December 4, 2015 (Continued)</i>		
Mitchell CC	Culinary Arts (A55150) <i>(Continued...)</i>	<ul style="list-style-type: none"> The Director of Food Services for Iredell Memorial Hospital also provided a letter of support and stated <i>the program would be a big benefit to Iredell County and surrounding communities and would benefit current employees who would like to enhance their work skills and grow their education.</i> The Dean of Culinary Education at Johnson and Wales University provided a letter of support and indicated <i>Mitchell Community College is poised to have significant impact on the shortage in their immediate geographical area by supplying hands-on technical education.</i>
Nash CC	Veterinary Medical Technology (A45780)	<ul style="list-style-type: none"> Veterinary medicine has become more advanced and specialized, resulting in veterinarians seeking more qualified employees capable of performing and assisting with a wide-array of specialized procedures in the care of domestic, wild, and livestock animal populations. The U.S. Bureau of Labor Statistics projects the need for Veterinary Technologists and Technicians to grow by 30% between 2012 and 2022. Letters of support for the program were submitted to NCC by the Riverside Veterinary Hospital, Brandywine Veterinary Hospital, P.A. and Benvenue Animal Hospital, P.A. The owner of Riverside Veterinary Hospital stated the following: <i>Each time a position opens, I look for RVTs but normally find very few applying. In speaking to other veterinarians in the area there is a tremendous need for well qualified RVTs.</i> In March 2015, nine employers responded to an employer survey completed by NCC. Six of the employers reported they had veterinary technician vacancies that were difficult to fill with qualified personnel. Eight of the employers indicated they anticipate an increase in Veterinary Technician positions within the next ten years. In Fall 2014 and Spring 2015, NCC offered a Veterinary Assistant course through continuing education. Twenty-eight students enrolled in the course responded to a student survey with 64% indicating a need for NCC to offer a Veterinary Medical Technology program. The Director of Vet Medicine at Brandywine Veterinary Hospital, noted the following: <i>Our practice has benefitted from the Veterinary Assisting Class that is currently offered at the college and we look forward to working with Nash Community College in the expansion of this idea to a full-fledged, quality veterinary technician program that will benefit so many different individual in this area.</i>
Stanly CC	Agribusiness Technology (A15100)	<ul style="list-style-type: none"> The job outlook for agribusiness related fields is steady or higher than average for the region, with an estimated 10% growth from 2010 to 2020. (Economic Modeling Specialists) The 2013 average hourly earnings were estimated at \$14.67. (US Department of Labor, Occupational Outlook Handbook) The college plans to offer a Career and College Promise high school Agribusiness program if approved for the program. One hundred and sixty-seven high school students responded to a student survey with 71.86% indicating a need for Stanly CC to offer an Agribusiness degree. Ninety-nine students indicated they would be interested in enrollment in a Career and College Promise Agribusiness pathway.

Appendix A: Traditional Curriculum Program Approvals by State Board of Community Colleges Approval Date		
Community College (CC)	Curriculum Title and Code	Rationale for Approval
December 4, 2015 (Continued)		
Stanly CC	Agribusiness Technology (A15100) <i>(Continued...)</i>	<ul style="list-style-type: none"> Seventeen employers within the service area responded to an employer survey. The employers estimated that they would need to employ sixty-nine people in related areas within the next two years. Eighty-eight percent of the employers felt there was a need for the college to offer the Agribusiness Technology programs. One employer stated the following: <i>I feel this program would be very beneficial to our community, especially with agriculture being the number one business in Stanly County.</i> Another employer stated: <i>With aging farmers, many are looking to hire help, but finding someone with the education or experience is difficult.</i> Graduates of the program will also be able to pursue entrepreneurial opportunities. The college will provide assistance to entrepreneurs through their Small Business Center. If approved for the program, the college plans to pursue bilateral agreements with North Carolina State University and A&T to assist students planning to transfer to pursue a four-year degree. The President and Chief Executive Officer of the Stanly County Chamber of Commerce is supportive of the proposed program and stated the following: <i>Stanly County has a long standing history of agriculture as a major economic driver. Not only our strong agricultural economy, but also our proximity to one of the state's major metropolitan markets of the greater Charlotte region, makes the Agribusiness Technology program an important initiative for providing education for future generations. Stanly County's largest economy stems from agriculture, with aging populations of farmers and agriculture producers, it is critical to educate the next generation of producers.</i> The Superintendent of Stanly County Schools is supportive of the proposed program and stated the following: <i>This would be a great opportunity for students enrolled in Career and Technical Education agricultural related pathways at the high school level to further their education in the field of agriculture. The program will benefit current and expanding businesses, as well as draw new companies to the area.</i> The North Carolina Cooperative Extension County Extension Director is supportive of the proposed program and stated the following: <i>With agricultural being a major industry in our local economy, as well as North Carolina, training young and older adults to be competitive in this work force is vital.</i>

**New to the System Program*

**Appendix B: Special Curriculum Programs by Month of Approval
(Abbreviated Program Application Process)**

Community College	Curriculum Title and Code
<i>January 16, 2015</i>	
Catawba Valley CC	Emergency Medical Science (Diploma) (D45910)*
Central Piedmont CC	Emergency Medical Science (Diploma) (D45910)*
Central Piedmont CC	Medical Assisting (Diploma) (D45920)*
Central Piedmont CC	Nurse Aide (Diploma) (D45970)*
Central Piedmont CC	Pharmacy Technology (Diploma) (D45940)*
Davidson County CC	Phlebotomy (Diploma) (D45950)*
Durham Technical CC	Nurse Aide (Diploma) (D45970)*
Pamlico CC	Human Services Technology/Substance Abuse (A4538E)
Randolph CC	Nurse Aide (Diploma) (D45970)*
Randolph CC	Phlebotomy (Diploma) (D45950)*
Richmond CC	Nurse Aide (Diploma) (D45970)*
Western Piedmont CC	Nurse Aide (Diploma) (D45970)*
Western Piedmont CC	Phlebotomy (Diploma) (D45950)*
Wilkes CC	Emergency Medical Science (Diploma) (D45910)*
<i>February 20, 2015</i>	
Caldwell CC & Technical Institute	Nurse Aide (Diploma) (D45970)*
Carteret CC	Nurse Aide (Diploma) (D45970)*
<i>March 20, 2015</i>	
Central Piedmont CC	Global Logistics and Distribution Management Technology (A25610)
Stanly CC	Computer Technology Integration (A25500)
Stanly CC	Welding Technology (D50420)
<i>April 17, 2015</i>	
Fayetteville Technical CC	Global Logistics and Distribution Management Technology (A25610)
Martin CC	Associate in Science (A10400)
<i>May 15, 2015</i>	
Halifax CC	Nurse Aide (Diploma) (D45970)*
Halifax CC	Phlebotomy (Diploma) (D45950)*
Montgomery CC	Computer Technology Integration (A25500)
<i>July 17, 2015</i>	
Bladen CC	Medical Office Administration (A25310)
Central Piedmont CC	Cosmetology Instructor (Certificate) (C55160)
Durham Technical CC	Associate in Fine Arts (A10200)
Edgecombe CC	Nurse Aide (Diploma) (D45970)*
Mitchell CC	Welding Technology (A50420)
Southeastern CC	Cosmetology Instructor (Certificate) (C55160)
Tri-County CC	Industrial Systems Technology (A50240)
Wake Technical CC	Human Services Technology/Mental Health (A4538C)

Appendix B: Special Curriculum Programs by Month of Approval (Abbreviated Program Application Process) (Continued)	
Community College	Curriculum Title and Code
<i>August 21, 2015</i>	
Southeastern CC	Nurse Aide (Diploma) (D45970)*
Southeastern CC	Phlebotomy (Diploma) (D45950)*
Stanly CC	Human Services Technology/Developmental Disabilities (A4538A)
Wilkes CC	Manicuring/Nail Technology (Certificate) (C55400)
<i>October 30, 2015</i>	
Pitt CC	Nurse Aide (Diploma) (D45970)*
Pitt CC	Phlebotomy (Diploma) (D45950)*

**Represents a program major under the Health Science: Therapeutic and Diagnostic Services curriculum standard which requires that the college already have approval for the primary curriculum program. These program majors provide a foundation for success in nursing and the allied health programs and increase the individual's successful completion of Health Science programs while providing the graduate with the skills needed for an entry-level job in health care.*



Appendix C: Instructional Service Agreements (Level III) By Month of Approval		
Curriculum Title and Code	Host College	Participating College
<i>July 2015</i>		
Speech Language Pathology Assistant (A45730)	Caldwell CC & TI	Central Piedmont CC
<i>November 2015</i>		
Funeral Service Education (A55260)	Fayetteville TCC	South Piedmont CC

Instructional Service Agreements (Level III) are utilized when two or more colleges jointly offer a curriculum program. These agreements are approved by the NC Community College System Office, involve the sharing of resources and may include the sharing of FTE.



Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>January 16, 2015</i>		
Piedmont CC	Computer Information Technology (A25260)	Low enrollment: Program content has been integrated under the Computer Technology Integration (A25500) program.
Piedmont CC	Computer Programming (A25130)	Low enrollment: Program content has been integrated under the Computer Technology Integration (A25500) program.
Piedmont CC	Criminal Justice/Latent Evidence (A5518A)	Low enrollment: Not enough students to support the program, which requires instructors with highly specialized skills.
Piedmont CC	Laboratory Technology (A20160)	Low enrollment: Employment opportunities are insufficient within the service area to support the program.
Piedmont CC	Web Technologies (A25290)	Low enrollment: Program content has been integrated under the Computer Technology Integration (A25500) program.
<i>March 20, 2015</i>		
Central Carolina CC	Alternative Energy Technology/Biofuels (A20130)	Low enrollment. Employment opportunities are insufficient in the service area to support the program.
Central Carolina CC	Computer Programming (A25130)	Low enrollment: There were insufficient employment opportunities for graduates in the service area. Program content has been integrated under the Computer Information Technology (A25260) program.
Central Carolina CC	Facility Maintenance Worker (Diploma) (D50170)	Low Enrollment: Low pay and lack of market demand in the service area led to low enrollment.
Central Carolina CC	Health Care Technology (Certificate) (C45350)	No enrollment. Employment opportunities are insufficient in the service area to support the program.
Central Carolina CC	Human Services Technology/Social Services (A4538D)	Low enrollment. Students are able to meet industry needs by completing the Human Services Technology program.



Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>March 20, 2015 (Continued)</i>		
Central Carolina CC	Licensed Practical Nurse Refresher (Certificate) (C45390)	No enrollment. The refresher program is designed for Licensed Practical Nurses whose nursing license has been inactive, retired or lapsed for five years or more and seek to reactive their NC license. There has been no expressed interest for this program for several years.
Central Carolina CC	Manufacturing Technology (A50320)	Low enrollment: Other manufacturing-based programs such as Tool and Die, Industrial Systems, and engineering technology programs superseded Manufacturing Technology.
Central Carolina CC	Mechanical Engineering Technology (A40320)	Low enrollment: The college recently received approval to offer Computer-Aided Drafting which better supports industry needs.
Central Carolina CC	Office Administration/Legal (A2537A)	No enrollment: There were insufficient employment opportunities for graduates in the service area. The college will continue to offer related courses under the Paralegal Technology (A25380) and Office Administration (A25370) programs.
Central Carolina CC	Professional Arts and Crafts: Sculpture (A30290)	Low Enrollment: Students are able to utilize the Associate in Fine Arts program, which was implemented in 2013, to obtain transfer level skills. Continuing education courses are available to serve non-credit seeking students.
Central Carolina CC	Real Estate (A25400)	No Enrollment: There were insufficient employment opportunities for graduates in the service area. The college will continue to offer real estate training under continuing education.



Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>March 20, 2015 (Continued)</i>		
South Piedmont CC	Office Administration (A25370)	No enrollment: There were insufficient employment opportunities for graduates in the service area. The college will continue to offer office administration courses under the Medical Office Administration (A25310) and Computer Information Technology (A25260) programs.
South Piedmont CC	Radiation Therapy (A45680)	No enrollment: The college has not offered the program since 2011. The college had difficulty recruiting qualified faculty and has lost clinical sites for their students. The employment opportunities in the service area have declined.
South Piedmont CC	Surgical Technology (A45740)	No enrollment: The college has not offered the program since 2013. There are approximately five Surgical Technology programs within a sixty-mile radius of the college which impacted the availability of clinical sites. Student benefits does not support the financial investment required to refurbish the program to be in compliance with CAAHEP accreditation requirements. Employment opportunities have declined in the service area.
<i>April 17, 2015</i>		
Coastal Carolina CC	Lateral Entry (Certificate) (C55430)	Onslow County initially expressed interest in the creation of the program; however, there was not sufficient student demand.
Davidson County CC	Lateral Entry (Certificate) (C55430)	The program design did not meet student needs. Students were able to meet lateral entry requirements through the Regional Alternative Licensing Centers.
Sandhills CC	Lateral Entry (Certificate) (C55430)	There was a lot of interest of initial interest in the program, however in the last few years inquires have dropped off greatly with no students enrolling.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>April 17, 2015 (Continued)</i>		
Southwestern CC	Lateral Entry (Certificate) (C55430)	Students did not express interest in the program. Students were able to obtain licensure through other means.
<i>May 15, 2015</i>		
Rowan-Cabarrus CC	General Occupational Technology (A55280)	Students who elected General Occupational Technology as a curriculum are now more appropriately enrolled in the Associate in General Education program, which provides more flexibility in program planning.
Sandhills CC	Human Services Technology/Gerontology (A4538B)	No enrollment: Students are able to meet industry needs by completing the Human Services Technology program.
<i>July 17, 2015</i>		
Alamance CC	Computer Programming (A25130)	No enrollment: There was a lack of student interest and insufficient employment opportunities for graduates within the service area. The college will continue to offer related courses under the Networking Technology (A25340) and Web Technologies (A25290) programs.
Alamance CC	Electronics Engineering Technology (A40200)	No enrollment for two or more years: Student demand for the program and job availability for graduates proved too low to support the program. Students were directed to the Industrial Systems Technology program that better served local industries while providing better graduate employment potential.
Alamance CC	Industrial Management Technology (A50260)	Low Enrollment: Student demand for the program and job availability for graduates were too low to support the program. Students were directed to the Industrial Systems Technology program that better served local industries while providing better graduate employment potential.
Alamance CC	Real Estate (A25400)	No enrollment for two or more years: There was a lack of student interest and insufficient employment opportunities for graduates within the service area. The college will continue to offer real estate related courses under continuing education.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>July 17, 2015 (Continued)</i>		
Alamance CC	Real Estate Appraisal (A25420)	No enrollment for two or more years: There was a lack of student interest and insufficient employment opportunities for graduates within the service area. The college will continue to offer real estate appraisal related courses under continuing education.
Alamance CC	Real Estate Licensing (Certificate) (C25480)	No enrollment for two or more years: There was a lack of student interest and insufficient employment opportunities for graduates within the service area. The college will continue to offer real estate related courses under continuing education.
Caldwell CC & TI	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years: There has been minimal student interest in the program.
Caldwell CC & TI	General Occupational Technology (A55280)	No enrollment for two or more years: The college utilizes the Associate in General Education rather than the General Occupational Technology program.
Caldwell CC & TI	Infant/Toddler Care (Certificate) (C55290)	No enrollment for two or more years: The college offers a local certificate under the Early Childhood Education (A55220) program.
Caldwell CC & TI	Manicuring Instructor (Certificate) (C55380)	No enrollment for two or more years: There has been minimal student interest in the program.
Caldwell CC & TI	Manicuring/Nail Technology (Certificate) (C55400)	No enrollment for two or more years: There has been minimal student interest in the program.
Carteret CC	Licensed Practical Nurse Refresher (Certificate) (C45390)	No enrollment for two or more years: The refresher program is designed for Licensed Practical Nurses whose nursing license has been inactive, retired or lapsed for five years or more and seek to reactive their NC license. There has been no expressed interest for this program for several years.
Central Carolina CC	Bioprocess Technology (A50440)	Low Enrollment: There were insufficient employment opportunities for graduates of the program within the college's service area. The college may decide to offer training under continuing education if demand warrants it or under a specialization within the Industrial Systems Technology program.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>July 17, 2015 (Continued)</i>		
Central Piedmont CC	Foodservice Technology (Diploma) (D55250)	Low enrollment: Students are more interested in the Culinary Arts (A55150) associate degree program.
Central Piedmont CC	Real Estate Appraisal (A25420)	No enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The college will continue to offer related instruction through continuing education.
Cleveland CC	Real Estate Licensing (Certificate) (C25480)	No enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The college will continue to offer related instruction through continuing education.
Coastal Carolina CC	Associate in General Education (A10300)	No Enrollment for two years or more: The program offered minimal transferability.
Coastal Carolina CC	Central Sterile Processing (Certificate) (C45180)	No enrollment for two or more years: There were minimal employment opportunities within the service area. Students are enrolling in the Surgical Technology program to increase their opportunities for employment.
Coastal Carolina CC	Esthetics Technology (Certificate) (C55230)	No Enrollment for two or more years: There has been minimal student interest in the program. Students are choosing to enroll in the cosmetology program.
Coastal Carolina CC	Manicuring Instructor (Certificate) (C55380)	No Enrollment for two or more years: There has been minimal student interest in the program and a low employment rate in the field.
Coastal Carolina CC	Office Administration/Legal (A2537A)	No enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The college will continue to offer related courses under the Paralegal Technology (A25380) and Office Administration (A25370) programs.
Coastal Carolina CC	Pharmacy Technology (A45580)	No enrollment for two or more years: Employers in the service area do not provide higher monetary compensation for a degree. The college has decided to offer Pharmacy Technician Exam Preparation through continuing education to meet community needs.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>July 17, 2015 (Continued)</i>		
Craven CC	Collision Repair and Refinishing Technology (A60130)	No enrollment for two or more years: Local employers filled job openings with individuals not possessing formal training.
Craven CC	School-Age Education (A55440)	No enrollment for two or more years: Due to the decline in employment opportunities for paraprofessionals, including teaching assistants in the North Carolina Public School System and in Craven County, enrollment numbers have declined.
Craven CC	Sustainability Technologies (A40370)	No enrollment for two or more years: The student demand for the program and job availability for graduates was minimal.
Halifax CC	Human Services Technology/Social Services (A4538D)	No enrollment for two or more years: Students are able to meet industry needs by completing the Human Services Technology program.
Richmond CC	Entrepreneurship (A25490)	No enrollment for two or more years: There was a lack of student interest and insufficient employment opportunities for graduates within the service area. The college will continue to offer related instruction under the Business Administration (A25120) program.
Roanoke-Chowan CC	Environmental Science Technology (A20140)	No enrollment for two or more years: The program had no student interest.
Roanoke-Chowan CC	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years: The implementation cost of the program contributed to no enrollment.
Roanoke-Chowan CC	General Occupational Technology (A55280)	No enrollment for two or more years: The program had minimal student interest.
Roanoke-Chowan CC	Health Unit Coordinator (Certificate) (C25220)	No enrollment for two or more years: The high implementation cost of the program led to termination of the program. The college will continue to offer related instruction under continuing education.
Roanoke-Chowan CC	Manicuring/Nail Technology (Certificate) (C55400)	No enrollment for two or more years: The implementation cost of the program contributed to no enrollment.
Roanoke-Chowan CC	School-Age Education (A55440)	No enrollment for two or more years: The program had minimal student interest.



Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>July 17, 2015 (Continued)</i>		
Surry CC	Computer Engineering Technology (A40160)	No enrollment for two or more years: There was a lack of student interest, course redundancy with other more successful program offerings, and limited employment opportunities for graduates.
Surry CC	Cosmetology Instructor (Certificate) (C55160)	No enrollment for two or more years: There was a lack of student interest and limited employment opportunities.
Surry CC	Esthetics Instructor (Certificate) (C55270)	No enrollment for two or more years: There was a lack of student interest and limited employment opportunities.
Surry CC	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years: There was a lack of student interest and limited employment opportunities.
Surry CC	Licensed Practical Nurse Refresher (Certificate) (C45390)	No enrollment for two or more years: The refresher program is designed for Licensed Practical Nurses whose nursing license has been inactive, retired or lapsed for five years or more and seek to reactivate their NC license. There has been no expressed interest for this program for several years.
Surry CC	Manicuring/Nail Technology (Certificate) (C55400)	No enrollment for two or more years: There was a lack of student interest and limited employment opportunities.
Surry CC	Office Administration/Legal (A2537A)	No enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The college will continue to offer related courses under the Paralegal Technology (A25380) program.
Surry CC	School-Age Education (A55440)	No enrollment for two or more years: There was a lack of student interest.
Western Piedmont CC	School-Age Education (A55440)	No enrollment for two or more years: There was a lack of student interest and limited employment opportunities.
Wilkes CC	School-Age Education (A55440)	No enrollment for two or more years: The program provided professional development for teaching assistants within the public school system who did not meet the employment standards related to No Child Left Behind. Those who needed additional professional development have now completed the required training.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>August 21, 2015</i>		
Beaufort County CC	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years: The esthetics program has not been offered due to a lack of student interest. Students who received this certificate in the past had a difficult time securing employment.
Beaufort County CC	Manicuring Instructor (Certificate) (C55380)	No enrollment for two or more years: The Manicuring Instructor program has not been offered due to lack of student interest, while providing better graduate employment potential.
Beaufort County CC	Web Technologies (A25290)	No enrollment for two or more years: Employers in the service area are more interested in hiring individuals with a well-rounded information technology background. The college will continue to offer related courses under the Computer Information Technology (A25260), Computer Programming (A25130), and Networking Technology (A25340) programs.
Bladen CC	Esthetics Instructor (Certificate) (C55270)	No enrollment for two or more years. There has been limited student interest due to a lack of employment opportunities in the college's service area.
Bladen CC	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years. There was a decline in enrollment due to lack of student interest and limited job opportunities in the college's service area.
Bladen CC	Manicuring/Nail Technology (Certificate) (C55400)	No enrollment for two or more years. There was a decline in enrollment due to lack of student interest and limited job opportunities in the college's service area.
Brunswick CC	Esthetics Instructor (Certificate) (C55270)	No enrollment for two or more years. The program was moved to continuing education.
Brunswick CC	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years. The program was moved to continuing education.
Brunswick CC	Manicuring Instructor (Certificate) (C55380)	No enrollment for two or more years. The program was moved to continuing education.
Brunswick CC	Manicuring/Nail Technology (Certificate) (C55400)	No enrollment for two or more years. The program was moved to continuing education.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>August 21, 2015 (Continued)</i>		
Brunswick CC	School-Age Education (A55440)	In 2009, the college received approval to offer the School-Age Education degree after the teacher associate degree was archived. Since the program was approved, there has been minimal student interest.
Cape Fear CC	Esthetics Instructor (Certificate) (C55270)	No enrollment for two or more years. There has been limited student interest due to a lack of employment opportunities.
Cape Fear CC	Licensed Practical Nurse Refresher (Certificate) (C45390)	No enrollment for two or more years: The refresher program is designed for Licensed Practical Nurses whose nursing license has been inactive, retired or lapsed for five years or more and seek to reactive their NC license. There has been no expressed interest for this program for several years.
Cape Fear CC	Marine Propulsion Systems (Diploma) (D60220)	No enrollment. The college has been directing students to its Boat Manufacture and Service (D60330) and Diesel and Heavy Equipment (A60460) programs which better meet industry and employment needs.
Cape Fear CC	Networking Technology (A25340)	No enrollment for two years or more. This program has been integrated under the Computer Technology Integration (A25500) program.
Cape Fear CC	Real Estate Appraisal (A25420)	No enrollment for two years or more. There was a lack of student interest and insufficient employment opportunities for graduates within the service area.
Haywood CC	Associate in Fine Arts (A10200)	No enrollment for two years or more: The students were better served through the Associate in Arts (A10100) or Associate in Science (A10400) programs.
Haywood CC	Healthcare Business Informatics (A25510)	Low enrollment. There was a lack of student interest. Related courses and concepts will be taught under Computer Information Technology (A25260) and Medical Office Administration (A25310) programs.
Haywood CC	Manicuring Instructor (Certificate) (C55380)	No enrollment for two or more years. There has been minimal student interest in the program.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>August 21, 2015 (Continued)</i>		
Isothermal CC	Automotive Systems Technology (A60160)	No enrollment for two or more years. The college has not offered the program due to low student interest and subsequent lack of enrollment.
Isothermal CC	Healthcare Business Informatics (A25510)	No enrollment. There was a lack of student interest and insufficient employment opportunities for graduates within the service area. The college will continue to offer courses under the Computer Information Technology (A25260) and other information technology related programs.
Isothermal CC	Information Systems Security (A25270)	No enrollment. There was a lack of student interest and insufficient employment opportunities for graduates within the service area. The college will continue to offer related courses under the Computer Information Technology (A25260) and Networking Technology (A25340) programs.
Isothermal CC	Sustainability Technologies (A40370)	No enrollment: Program projections proved inaccurate. There was too little demand from industry for the skill sets associated with the program as well as limited student interest.
James Sprunt CC	Manicuring Instructor (Certificate) (C55380)	No enrollment for two or more years. The program had minimal student interest and limited job opportunities in the college's service area.
James Sprunt CC	Manicuring/Nail Technology (Certificate) (C55400)	No enrollment for two or more years. The program had limited student interest and employment opportunities in the college's service area.
Pitt CC	Carpentry (Diploma) (D35180)	No enrollment for two or more years: There was a lack of student interest as well as program redundancy with the college's construction technology degree offering that better serves student and employer needs.
Pitt CC	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years. There was a decline in enrollment due to lack of student interest. This program is now being offered through continuing education.
Southeastern CC	Esthetics Instructor (Certificate) (C55270)	No enrollment for two or more years. There has been limited student interest due to a lack of employment opportunities in the college's service area.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>August 21, 2015 (Continued)</i>		
Southeastern CC	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years. There was a decline in enrollment due to lack of student interest. This program is currently offered through continuing education.
Southeastern CC	General Occupational Technology (A55280)	No enrollment for two or more years. Students are now enrolled in the Associate in General Education (A10300), which provides more flexibility in program planning.
Southeastern CC	Networking Technology (A25340)	No enrollment for two years or more. There was a lack of student interest and insufficient employment opportunities for graduates within the service area. The college will continue to offer related courses under the Computer Information Technology (A25260) and other information technology programs.
<i>September 18, 2015</i>		
Blue Ridge CC	Carpentry (Diploma) (D35180)	No enrollment for two or more years. The college experienced declining enrollment in the program due to the economic downturn and discontinued offering the program due to low student interest.
Blue Ridge CC	Electrical Systems Technology (A35130)	No enrollment. The college experienced declining enrollment in the program due to the economic downturn and discontinued offering the program due to low student interest.
Blue Ridge CC	Manicuring Instructor (Certificate) (C55380)	No enrollment for two or more years. Due to changes in the industry, employers tend to hire those with a full cosmetology license, which encompasses all areas of the industry.
Blue Ridge CC	Masonry (Diploma) (D35280)	No enrollment for two or more years. The college experienced declining enrollment in the program due to the economic downturn and discontinued offering the program due to low student interest.
Piedmont CC	Air Conditioning, Heating and Refrigeration Technology (A35100)	No enrollment for two or more years. The college experienced declining enrollment in the program due to the economic downturn.
Piedmont CC	Biotechnology (A20100)	There were insufficient employment opportunities for graduates of the program within the college's service area.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>September 18, 2015 (Continued)</i>		
Piedmont CC	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years. There was a decline in enrollment due to limited job opportunities in the college's service area.
Piedmont CC	Gunsmithing (A30200)	No enrollment for two or more years: Employment within the service area does not require the associate degree. The college will utilize their Gunsmithing (Diploma) (D30210) program to meet local employment needs.
Piedmont CC	Manicuring/Nail Technology (Certificate) (C55400)	No enrollment for two or more years. The program had limited student interest due to lack of employment opportunities in the college's service area.
<i>October 30, 2015</i>		
Edgecombe CC	Cardiovascular/Vascular Interventional Technology (Diploma) (D45140)	No enrollment for two or more years. There has been limited student interest due to a lack of employment opportunities in the college's service area.
Edgecombe CC	Central Sterile Processing (Certificate) (C45180)	No enrollment for two or more years: There were minimal employment opportunities within the service area. Student interest declined.
Edgecombe CC	Computer Programming (A25130)	No enrollment: The enrollment has declined over the past few years. Program content has been integrated under the Computer Technology Integration (A25500) program.
Edgecombe CC	Human Services Technology/Developmental Disabilities (A4538A)	No enrollment for two or more years: The college had offered this concentration to meet the employment needs of a company. The company's needs have been met. Other employers have limited job opportunities for students in this concentration.
Edgecombe CC	Human Services Technology/Social Services (A4538D)	No enrollment for two or more years: Students are able to meet industry needs by completing the Human Services Technology program.
Edgecombe CC	Manicuring Instructor (Certificate) (C55380)	No enrollment for two or more years. Students are enrolling in the Cosmetology Instructor Certificate, which allows them to teach a wide variety of skills including manicuring.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>October 30, 2015 (Continued)</i>		
Edgecombe CC	Real Estate Appraisal (A25420)	No Enrollment: There were insufficient employment opportunities for graduates in the service area. The college will continue to offer real estate appraisal training under continuing education if there is a future need.
Edgecombe CC	Web Technologies (A25290)	No enrollment: Program content has been integrated under the Computer Technology Integration (A25500) program.
Forsyth Technical CC	Automation Engineering Technology (A40120)	No enrollment for two or more years: Instruction will be incorporated into the Mechanical Engineering Technology and Industrial Systems Technology programs.
Forsyth Technical CC	Health Care Technology (Certificate) (C45350)	No enrollment for two or more years: There has been limited student interest due to a lack of employment opportunities in the college's service area.
Forsyth Technical CC	Real Estate (A25400)	No Enrollment for two or more years: The college will continue to offer related instruction under continuing education.
Forsyth Technical CC	Real Estate Appraisal (A25420)	No Enrollment for two or more years: The college will continue to offer related instruction under continuing education.
Forsyth Technical CC	Speech-Language Pathology Assistant (A45730)	No enrollment for two or more years: There has been limited student interest due to a lack of employment opportunities in the college's service area.
Forsyth Technical CC	Sustainability Technologies (A40370)	No enrollment for two or more years: Instruction will be incorporated into other programs.
Vance-Granville CC	Manicuring/Nail Technology (Certificate) (C55400)	No enrollment for two or more years: Students who are enrolled in the Cosmetology Program are able to obtain the manicuring/nail skillset within the cosmetology curriculum.
Vance-Granville CC	School-Age Education (A55440)	Low Enrollment: Due to a reduction in public school funding, there has been a reduction in available teacher assistant positions in the college's service area which has led to low enrollment in the program.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>October 30, 2015 (Continued)</i>		
Wake Technical CC	Basic Law Enforcement Training (Certificate) (C55120)	No Enrollment for two or more years. The program was moved to continuing education.
<i>December 4, 2015</i>		
College of The Albemarle	Building Construction Technology (A35140)	No enrollment for two or more years. A shift in the local economy resulted in fewer construction jobs and lack of student interest. Some aspects of the program are being offered in continuing education.
College of The Albemarle	Esthetics Instructor (Certificate) (C55270)	No enrollment for two or more years. The program began to expand training options, but never had sufficient enrollment to operate.
College of The Albemarle	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years. The program began to expand training options, but never had sufficient enrollment to operate.
College of The Albemarle	Lateral Entry (Certificate) (C55430)	No enrollment for two or more years: There was not a need for the program in the region. These courses are offered through other programs at the college.
College of The Albemarle	Manicuring Instructor (Certificate) (C55380)	No enrollment for two or more years: The program began to expand training options, but never had sufficient enrollment to operate.
College of The Albemarle	Networking Technology (A25340)	No enrollment for two or more years: The program content has been consolidated as a track under the Computer Technology Integration (A25500) program.
College of The Albemarle	Professional Crafts: Clay (A30300)	No enrollment for two years or more: Lack of employment in the service area led to termination of the program. The college is able to offer the instruction through continuing education.
College of The Albemarle	School-Age Education (A55440)	No enrollment for two or more years. The elementary schools in the college's service area emphasize the teaching assistant credential and not this program. Other early childhood education courses offered in other programs at the college meet the needs of students.



Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>December 4, 2015 (Continued)</i>		
Durham Technical CC	General Occupational Technology (A55280)	No enrollment for two or more years. The college anticipated a need to offer the program, but did not have sufficient demand.
Durham Technical CC	Optical Laboratory Mechanics (Certificate) (C45540)	No enrollment for two or more years. The college anticipated a need to offer the program, but did not have sufficient demand.
McDowell Technical CC	Computer Programming (A25130)	No enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The program content has been consolidated into the Computer Information Technology (A25260) program.
McDowell Technical CC	Real Estate (A25400)	No enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The college will offer real estate instruction under continuing education if there is a future need.
Randolph CC	Real Estate Appraisal (A25420)	No enrollment for two or more years: The college is currently offering real estate and real estate appraisal related instruction under continuing education.
Sampson Community College	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years. There was a decline in enrollment due to lack of student interest.
Sampson Community College	General Occupational Technology (A55280)	No enrollment for two or more years. Students are now choosing more definitive programs to enhance placement opportunities.
Sampson Community College	Health Care Technology (Certificate) (C45350)	No enrollment for two or more years. There was a decline in health care providers hiring students without specific licenses or job skills within the service area. Students are now counseled into programs providing more definitive job skills.
Sampson Community College	Manicuring Instructor (Certificate) (C55380)	No enrollment for two or more years: There was a limited labor market need.
Sampson Community College	Networking Technology (A25340)	No enrollment for two or more years: The program content has been consolidated into the Information Systems Technology (A25270) program.

Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges		
Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>December 4, 2015 (Continued)</i>		
Sampson Community College	Real Estate (A25400)	No Enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The college will offer real estate instruction under continuing education if there is a need for it in the future.
Sandhills Community College	Computer Information Technology (A25260)	No enrollment for two or more years: The program content has been consolidated into the Digital Media Technology (A25210) program.
Sandhills Community College	Cosmetology Instructor (Certificate) (C55160)	No enrollment for two or more years. There has been minimal student interest in the program.
Sandhills Community College	Esthetics Instructor (Certificate) (C55270)	No enrollment for two or more years. There was a limitation of faculty in the specific content area.
Sandhills Community College	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years. There was a limitation of faculty in the specific content area.
Sandhills Community College	General Occupational Technology (A55280)	No enrollment for two or more years. Students are now enrolled in the Associate in General Education (A10300).
Sandhills Community College	Manicuring Nail/Technology (Certificate) (C55400)	No enrollment for two or more years. There was a limited labor market need.
Sandhills Community College	Resort Spa Management (A55410)	No enrollment for two or more years. Students are now enrolled in the Hospitality Management (A25110) program, which allows for greater flexibility in employment options for graduates.
Sandhills Community College	Turfgrass Management Technology (A15420)	No Enrollment for two years or more: Program content has been incorporated into the Golf Course Management Technology (A15230) program.
Vance-Granville CC	Computer Programming (A25130)	No enrollment for two or more years: The program content has been consolidated into the Computer Information Technology (A25260) and Computer Technology Integration (A25500) programs.
Vance-Granville CC	Office Administration/Legal (A2537A)	Low enrollment: There were insufficient employment opportunities for graduates in the service area. The program content has been consolidated into the Paralegal Technology (A25380) program.



Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<i>December 4, 2015 (Continued)</i>		
Wake Technical CC	Computer-Integrated Machining (A50210)	No enrollment for two or more years resulting from a lack of employment in the college's service area.



**Appendix E:
Curriculum Program Titles Eligible for the Special Curriculum Program Application Process
(Abbreviated Approval Process)**

The following curriculums have been approved by the State Board of Community Colleges as eligible for the Special Application process:

- Community Spanish Interpreter (A55370)
- Computer Technology Integration (A25500)
- Entrepreneurship (A25490)
- Global Logistics (A25170)
- Industrial Systems Technology (A50240)
- Infant/Toddler Care (Certificate)(C55290)
- Information Systems Security (A25270)
- Lateral Entry (Certificate)(C55430)
- Low Impact Development (A40290)
- Medical Office Administration (A25310)
- Networking Technology (A25340)
- School-Age Care (Certificate) (C55450)
- Sustainability Technologies (A40370)
- Web Technologies (A25290)
- Welding Technology (A50420)

The following curriculums have been approved by the State Board of Community Colleges as eligible for the Special Application process, but require that the college have prior approval for the Cosmetology (A55140) program:

- Cosmetology Instructor (Certificate)(C55160)
- Esthetics Instructor (Certificate)(C55270)
- Esthetics Technology (Certificate)(C55230)
- Manicuring Instructor (Certificate)(C55380)
- Manicuring/Nail Technology (Certificate)(C55400)

The following curriculum has been approved by the State Board of Community Colleges as eligible for the Special Application process, but requires that the college have prior approval for the Associate Degree Real Estate (A25400) program:

- Real Estate Licensing (Certificate) (C25480)

The following curriculum has been approved by the State Board of Community Colleges as eligible for the Special Application process, but requires that the college have prior approval for the Culinary Arts (A55150) program:

- Foodservice Technology (Diploma) (D55250)

The following curriculums have been approved by the State Board of Community Colleges as eligible for an abbreviated approval process, but requires that the college have prior approval for one of the programs:

- Associate in Arts (A10100)
- Associate in Fine Arts (A10200)
- Associate in Science (A10400)

All concentrations have been approved as eligible by the State Board of Community Colleges for the Special Application Process, but require that the college have prior approval for the parent program.

Appendix E: (Continued)

Program majors under the Health Science: Therapeutic and Diagnostic Services curriculum standard require that the college already have approval for the primary curriculum program.

Example: A college must have approval for Medical Assisting (A45400) in order to file a POS for Medical Assisting (D45920). These program majors provide a foundation for success in nursing and the allied health programs and increase the individual's successful completion of Health Science programs while providing the graduate with the skills needed for an entry-level job in health care.

Emergency Medical Science (D45910)
Medical Assisting (D45920)
Nursing Aide (D45970)

Pharmacy Technology (D45940)
Phlebotomy (D45950)
Therapeutic Massage (D45960)



Appendix F: Contact Information

For information regarding the content of this report, please contact:

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