



# **North Carolina Community College System**

## **Curriculum Program Approvals and Terminations January - December 2016**

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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 2016 through December 2016, a total of **116** curriculum programs were approved and/or reported to the State Board of Community Colleges. Of the **116** approved programs, **56** programs were existing curriculum program titles, **59** programs were under **eight** New-to-the-System program titles, and **one** was a Level III Instructional Service Agreement.

### The New to the System programs are:

- Advanced Medical Coding (Certificate) (C45530)  
(One college received approval for this new program.)
- Associate in Fine Arts in Music (A10700)  
(Fifteen colleges received approval for this new program.)
- Associate in Fine Arts in Theatre (A10800)  
(Eleven colleges received approval for this new program.)
- Associate in Fine Arts in Visual Arts (A10600)  
(Twenty-eight colleges received approval for this new program.)
- Early Childhood Administration (Certificate) (C55850)  
(One college received approval for this new program.)
- Early Childhood Preschool (Certificate) (C55860)  
(One college received approval for this new program.)
- Intelligence Studies (A25700)  
(One college received approval for this new program.)
- Surgical First Assistant (Certificate) (C45530)  
(One college received approval for this new program.)

**Curriculum Program Terminations:**

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 2016 through December 2016, the North Carolina Community College System received program termination requests from **17** colleges. The colleges requested termination of one or more of their curriculum programs resulting in the termination of **61** curriculum programs system-wide.

# **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.....5

Existing Curriculum Programs Applications.....37

**Subtotal: 42**

### 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.

New-to-the-System Special Curriculum Program Applications.....54

Special Curriculum Program Applications .....19

**Subtotal: 73**

### 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) .....1

**Subtotal: 1**

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

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

<b>Alamance Community College.....</b>	<b>2</b>
Associate in Engineering (A10500)	
Histotechnology (A45370)	
<b>Asheville-Buncombe Technical Community College.....</b>	<b>1</b>
Nurse Aide (Certificate) (C45840)	
<b>Blue Ridge Community College.....</b>	<b>3</b>
Early Childhood Administration (Certificate) (C55850)*	
Early Childhood Preschool (Certificate) (C55860)*	
Emergency Management (A55460)	
<b>Cape Fear Community College .....</b>	<b>3</b>
Automotive Customizing Technology (A60190)	
Nurse Aide (Certificate) (C45840)	
Veterinary Medical Technology (A45780)	
<b>Central Carolina Community College .....</b>	<b>4</b>
Building Construction Technology (A35140)	
Health and Fitness Science (A45630)	
Occupational Education Associate (A55320)	
Therapeutic Massage (A45750)	
<b>College of The Albemarle .....</b>	<b>2</b>
Health and Fitness Science (A45630)	
Sustainable Agriculture (A15410)	
<b>Davidson County Community College .....</b>	<b>1</b>
Dental Assisting (Diploma) (D45240)	
<b>Fayetteville Technical Community College.....</b>	<b>2</b>
Intelligence Studies (A25700)*	
Surgical First Assistant (Certificate) (C45870)*	
<b>Haywood Community College .....</b>	<b>1</b>
Associate in Engineering (A10500)	
<b>Johnston Community College.....</b>	<b>2</b>
Mammography (Certificate) (C45830)	
Phlebotomy (Certificate) (A45600)	
<b>Lenoir Community College .....</b>	<b>1</b>
Associate in Engineering (A10500)	
<b>Martin Community College.....</b>	<b>1</b>
Criminal Justice Technology (A55180)	
<b>Mayland Community College.....</b>	<b>2</b>
Agribusiness Technology (A15100)	
Practical Nursing (Diploma) (D45660)	
<b>McDowell Technical Community College.....</b>	<b>1</b>
Associate in Engineering (A10500)	
<b>Mitchell Community College .....</b>	<b>2</b>
Computer-Integrated Machining (A50210)	
Emergency Medical Science (A45340)	
<b>Montgomery Community College.....</b>	<b>2</b>
Associate in Engineering (A10500)	
Phlebotomy (Certificate) (A45600)	

<b>Nash Community College .....</b>	<b>2</b>
Emergency Medical Science (A45340)	
Nurse Aide (Certificate) (C45840)	
<b>Pitt Community College .....</b>	<b>1</b>
Advanced Medical Coding (Certificate) (C45530)*	
<b>Richmond Community College .....</b>	<b>1</b>
Nonprofit Leadership and Management (A25410)	
<b>Sampson Community College.....</b>	<b>3</b>
Emergency Management (A55460)	
Emergency Medical Science (A45340)	
Medical Assisting (A45400)	
<b>Tri-County Community College .....</b>	<b>1</b>
Associate in Engineering (A10500)	
<b>Vance-Granville Community College.....</b>	<b>1</b>
Histotechnology (A45370)	
<b>Wake Technical Community College .....</b>	<b>1</b>
Mission Critical Operations (A40430)	
<b>Wayne Community College .....</b>	<b>1</b>
Associate in Engineering (A10500)	
<b>Western Piedmont Community College.....</b>	<b>1</b>
Mechatronics Engineering Technology (A40350)	
<b>Total .....</b>	<b>42</b>

*\*New to the System Program*



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

<b>Asheville-Buncombe Technical Community College.....</b>	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Blue Ridge Community College .....</b>	<b>3</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Caldwell Community College and Technical Institute.....</b>	<b>2</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Cape Fear Community College .....</b>	<b>3</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Carteret Community College.....</b>	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Catawba Valley Community College.....</b>	<b>3</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Central Carolina Community College .....</b>	<b>1</b>
Manicuring/Nail Technology (Certificate) (C55400)	
<b>Central Piedmont Community College .....</b>	<b>3</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Cleveland Community College.....</b>	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Coastal Carolina Community College .....</b>	<b>3</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>College of The Albemarle .....</b>	<b>3</b>
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	
Supply Chain Management (A25260)	
<b>Craven Community College .....</b>	<b>2</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Durham Technical Community College .....</b>	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Edgecombe Carolina Community College.....</b>	<b>1</b>
Welding Technology (A50420)	
<b>Fayetteville Technical Community College.....</b>	<b>3</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	

<b>Forsyth Technical Community College .....</b>	<b>2</b>
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Gaston College .....</b>	<b>2</b>
Cosmetology Instructor (Certificate) (C55160)	
Esthetics Instructor (Certificate) (C55270)	
<b>Guilford Technical Community College .....</b>	<b>3</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Halifax Community College .....</b>	<b>1</b>
Human Services Technology/Social Services (A4538D)	
<b>Isothermal Community College .....</b>	<b>1</b>
Associate in Fine Arts in Music (A10700)*	
<b>Mitchell Community College .....</b>	<b>2</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Montgomery Community College .....</b>	<b>4</b>
Associate in Fine Arts in Music (A10700)*	
Medical Office Administration (A25310)	
Nurse Aide (Diploma) (D45970)**	
Phlebotomy (Diploma) (D45950)**	
<b>Nash Community College .....</b>	<b>1</b>
Nurse Aide (Diploma) (D45970)**	
<b>Pitt Community College .....</b>	<b>3</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Randolph Community College .....</b>	<b>1</b>
Human Services Technology/Substance Abuse (A4538E)	
<b>Richmond Community College .....</b>	<b>3</b>
Human Services Technology/Social Services (A4538D)	
Human Services Technology/Substance Abuse (A4538E)	
School-Age Care (Certificate) (C55450)	
<b>Roanoke-Chowan Community College .....</b>	<b>2</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Rockingham Community College .....</b>	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Rowan-Cabarrus Community College .....</b>	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Sampson Community College .....</b>	<b>4</b>
Emergency Medical Science (D45910)**	
Lateral Entry (Certificate) (C55430)	
Medical Assisting (Diploma) (D45920)**	
Nurse Aide (Diploma) (D45970)**	

<b>Sandhills Community College</b> .....	<b>2</b>
Associate in Fine Arts in Music (A10700)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>South Piedmont Community College</b> .....	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Southwestern Community College</b> .....	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Surry Community College</b> .....	<b>2</b>
Associate in Fine Arts in Visual Arts (A10600)*	
Supply Chain Management (A25620)	
<b>Tri-County Community College</b> .....	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Wake Technical Community College</b> .....	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Vance-Granville Community College</b> .....	<b>1</b>
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Western Piedmont Community College</b> .....	<b>2</b>
Associate in Fine Arts in Theatre (A10800)*	
Associate in Fine Arts in Visual Arts (A10600)*	
<b>Total</b> .....	<b>73</b>

*\*Represents new-to-the-system programs. In February of 2016, three discipline specific (Visual Arts, Music and Theatre) Associate in Fine Art degrees were approved by the State Board of Community Colleges.*

*\*\*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

<b>Alamance Community College.....</b>	<b>1</b>
Cosmetology Instructor (Certificate) (C55160)	
<b>Asheville-Buncombe Technical Community College.....</b>	<b>1</b>
Healthcare Business Informatics (A25510)	
<b>Beaufort County Community College .....</b>	<b>1</b>
Health and Fitness Science (A45630)	
<b>Catawba Valley Community College.....</b>	<b>9</b>
Esthetics Technology (Certificate) (C55230)	
Furniture Production Technology (A50180)	
Furniture Production Technology/Design and Product Development (A5018A)	
Industrial Engineering Technology (A40240)	
Real Estate (A25400)	
Real Estate Appraisal (A25420)	
Real Estate Licensing (Certificate) (C25480)	
School-Age Education (A55440)	
Truck Driver Training (Certificate) (C60300)	
<b>Central Piedmont Community College .....</b>	<b>1</b>
Manufacturing Technology (A50320)	
<b>Davidson County Community College .....</b>	<b>4</b>
Digital Media Technology (A25210)	
Entrepreneurship (A25490)	
School-Age Education (A55440)	
Sustainability Technologies (A40370)	
<b>Durham Technical Community College .....</b>	<b>1</b>
Collision Repair and Refinishing Technology (A60130)	
<b>Johnston Community College.....</b>	<b>4</b>
Associate in Fine Arts (A10200)	
Culinary Arts (A55150)	
Esthetics Instructor (Certificate) (C55270)	
Interventional Cardiac and Vascular Technology (A45410)	
<b>Mitchell Community College .....</b>	<b>1</b>
Lateral Entry (Certificate) (C55430)	
<b>Montgomery Community College.....</b>	<b>3</b>
Collision Repair and Refinishing Technology (A60130)	
General Occupational Technology (A55280)	
School-Age Care (Certificate) (C55450)	
<b>Robeson Community College .....</b>	<b>3</b>
Carpentry (Diploma) (D35180)	
Esthetics Technology (Certificate) (C55230)	
Manicuring/Nail Technology (Certificate) (C55400)	

<b>Southwestern Community College.....</b>	<b>15</b>
Building Construction Technology (A35140)	
Cosmetology Instructor (Certificate) (C55160)	
Criminal Justice Technology/Latent Evidence (A5518A)	
Esthetics Technology (Certificate) (C55230)	
Gaming Management (A25250)	
General Occupational Technology (A55280)	
Hospitality Management (A25110)	
Manicuring Instructor (Certificate) (C55380)	
Masonry (Diploma) (D35280)	
Medical Transcription (Diploma) (D25320)	
Office Administration/Legal (A2537A)	
Office Administration/Virtual Office Assistance (A2537B)	
Plumbing (Diploma) (D35300)	
Real Estate (A25400)	
Real Estate Licensing (Certificate) (C25480)	
<b>Stanly Community College .....</b>	<b>3</b>
Cardiovascular/Vascular Interventional Technology (Diploma) (D45140)	
Esthetics Instructor (Certificate) (C55270)	
General Occupational Technology (A55280)	
<b>Tri-County Community College .....</b>	<b>5</b>
Building Construction Technology (A35140)	
Esthetics Instructor (Certificate) (C55270)	
Healthcare Management Technology (A25200)	
Networking Technology (A25340)	
Real Estate Licensing (Certificate) (C25480)	
<b>Vance-Granville Community College .....</b>	<b>2</b>
Industrial Systems Technology (A50240)	
Sustainability Technologies (A40370)	
<b>Wayne Community College .....</b>	<b>1</b>
School-Age Education (A55440)	
<b>Wilson Community College .....</b>	<b>6</b>
Alternative Transportation Technology (Diploma) (D60420)	
Associate in General Education (A10300)	
General Occupational Technology (A55280)	
Lateral Entry (Certificate) (C55430)	
Manufacturing Technology (A50320)	
School-Age Care (Certificate) (C55450)	
<b>Total Program Terminations .....</b>	<b>61</b>

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.*

## **Appendices**

<b>Appendix A: Traditional Curriculum Program Approvals by Community College (State Board of Community Colleges Approval Date and Rationale for Approval)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; SBCC Approval Date</b>	<b>Rationale for Approval (Provided by Community College)</b>
Alamance CC	Associate in Engineering (A10500)  July 15, 2016	<ul style="list-style-type: none"> <li>The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college.</li> <li>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.</li> <li>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.</li> </ul>
Alamance CC	Histotechnology (A45370)  November 18, 2016	<ul style="list-style-type: none"> <li>According to the U.S. Department of Labor and the North Carolina Department of Commerce, the job outlook for the employment of medical and clinical laboratory technologists and technicians is strong. Nationally, the field is expected to add 23,100 jobs between 2014- 2024 a fourteen percent increase. State-wide, the field is projected to add 660 jobs between 2012-2022 a seventeen percent increase.</li> <li>On June 25, 2016, ACC's local newspaper reported, "The Burlington Metropolitan Statistical Area is the top small MSA for research, testing and medical laboratories in the country according to a recent study. From 2009 to 2014, our top regional code was in medical laboratories, with medical and clinical lab techs making up over seventeen percent of total jobs in the region."</li> <li>According to the Bureau of Labor and Statistics, the national annual median wage in 2015 was \$59,430 and the state's median wage was \$57,170 for medical laboratory technologists.</li> <li>The Biotechnology and Medical Laboratory Technology programs are well established at the College. ACC's current laboratory facilities will easily accommodate the courses taught in the first year of the program. Laboratory Corporation of America (LabCorp) has committed to constructing a Histotechnology teaching lab on-site and faculty office space at one of its local facilities for second year courses. This lab will be adjacent to the Medical Laboratory Technology teaching lab located at the same facility. The two diagnostic testing programs, located in such close proximity, will be synergetic in terms of facilities, guest lectures and student interaction.</li> <li>In Fall 2016, ACC had thirty-nine students enrolled in their Biotechnology program and twenty-six enrolled in their Medical Laboratory Technology program. They are projecting similar enrollment numbers since Histotechnology is a specialized field in clinical laboratory science.</li> <li>Letters of support for the program were submitted to ACC by the Laboratory Corporation of America (LabCorp), Moses Cone Health System, and Aurora Diagnostics GPA Laboratories regarding the current and future demand for trained histotechnologists in the area.</li> </ul>

<b>Appendix A: Traditional Curriculum Program Approvals by Community College (State Board of Community Colleges Approval Date and Rationale for Approval)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; SBCC Approval Date</b>	<b>Rationale for Approval (Provided by Community College)</b>
Asheville-Buncombe Technical CC	Nurse Aide (Certificate) (C45840)  November 18, 2016	<ul style="list-style-type: none"> <li>Currently, A-B Tech offers Nurse Aide training through continuing education and enrolls 400 to 500 students per year.</li> <li>A-B Tech's nursing program requires certification as a Nurse Aide I (CNA I) as part of the application eligibility criteria. Over the past three years, they received 302 nursing applications for the 2014-15 cohort, 277 nursing applications for the 2015-16 cohort and 217 nursing applications for the 2016-17 cohort.</li> <li>EMSI data indicates that the number of Nurse Aide related positions in Buncombe and Madison counties will increase by sixteen percent over the next ten years, with an average salary of \$11.02 per hour.</li> <li>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 statewide.</li> <li>Local school districts have asked that the College offer Nurse Aide for high school students. All three LEAs within the A-B Tech service area provide CNA courses, but would prefer that students pursue their studies through Career and College Promise. The addition of the NA program will allow the LEAs and the College to offer a new pathway focused on careers in healthcare. Feedback from each of the systems indicates that once fully implemented, A-B Tech can expect annual CCP enrollments in the program as follows: Asheville City ten students, Buncombe County one hundred and twenty students and Madison County fifteen students.</li> <li>Letters of support for the program were submitted to A-B Tech by Asheville City Schools, Buncombe County Schools, and Madison County Schools.</li> </ul>
Blue Ridge CC	Emergency Management (A55460)  July 15, 2016	<ul style="list-style-type: none"> <li>BRCC offers coursework in fire and emergency medical services through curriculum and occupational extension. The College reported 11,447 students enrolled in Fire and Technical Rescue courses between 2010 and 2015, and they reported 887 students enrolled in emergency medical services classes during the same time period.</li> <li>Terrorist attacks and multiple natural disasters 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.</li> </ul> <p>(US News &amp; World Report, 2011).</p>



<b>Appendix A: Traditional Curriculum Program Approvals by Community College (State Board of Community Colleges Approval Date and Rationale for Approval)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; SBCC Approval Date</b>	<b>Rationale for Approval (Provided by College)</b>
Blue Ridge CC	<p>Emergency Management (A55460)</p> <p><i>Continued</i></p> <p>July 15, 2016</p>	<ul style="list-style-type: none"> <li>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. (Bureau of Labor Statistics, U.S. Department of Labor).</li> <li>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. We believe the creation of this associate degree program will benefit emergency management, fire departments, emergency medical services, and criminal justice agencies by providing a better educated applicant pool, a more efficient work force, and a safer North Carolina.</i></li> <li>The Director of Emergency Services for Transylvania County noted <i>Western NC is in need of an emergency management program as this will complement existing agency programs within the area.</i></li> <li>Letters of support for the program were submitted to BRCC by Henderson County Emergency Services, Transylvania County Emergency Services and the Director of the Emergency and Disaster Management Program at Western Carolina University.</li> <li>BRCC plans to offer courses to local high school students through Career and College Promise. The Emergency Management curriculum would provide these students with a foundation of technical and professional knowledge needed for emergency services delivery.</li> </ul>
Blue Ridge CC	<p>Early Childhood Administration (Certificate) (C55850)*</p> <p>August 19, 2016</p>	<ul style="list-style-type: none"> <li>The development of a stand-alone certificate in early childhood administration will provide students with the opportunity to earn a stackable credential with the specialization in administration which will enhance their employability opportunities as well as increase their future earning potential.</li> <li>Coursework within the early childhood administration certificate will allow students the opportunity to complete the requirements to earn the North Carolina Child Care Administrator Credentials which are recognized by the North Carolina Division of Child Development and Early Education and are required for those who are or wish to become employed as a director in a child care center.</li> <li>According to data projections provided by the U.S. Bureau of Labor Statistics for 2014-24, employment openings for preschool and child care center directors is expected to increase by 7%. Additionally, preschool and child care center directors earn on average approximately \$21.96 per hour which equates to an average annual salary of approximately \$45,670. (U.S. Bureau of Labor Statistics).</li> </ul>

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Blue Ridge CC	<p>Early Childhood Administration (Certificate) (C55850)*</p> <p><i>Continued</i></p> <p>August 19, 2016</p>	<ul style="list-style-type: none"> <li>In North Carolina, the employment opportunities for early childhood administrators are increasing faster than the national average. The North Carolina Department of Commerce projects a 23.8% increase in employment openings for education administrators in preschool and child care center programs statewide between 2012-22.</li> <li>The average annual wage for education administrators in preschool and child care center programs in North Carolina is \$37,820 which equates to approximately \$17.09 per hour. (North Carolina Department of Commerce).</li> <li>A stand-alone early childhood administration certificate was developed as part of statewide curriculum revision to the Early Childhood program of study that is a result of the Growing Greatness/Race to the Top grant project led by Blue Ridge Community College in 2014-2015.</li> <li>Through the curriculum revision work of Growing Greatness, early childhood faculty identified ways to streamline early childhood program of study to provide students with more seamless and efficient transitions and pathways between various current degrees, diplomas, and certificates awarded in early childhood curriculum programs.</li> <li>The development of a stand-alone early childhood preschool certificate will provide students with the opportunity to earn a stackable credential with the preschool specialization which will enhance their employment opportunities.</li> </ul>
Blue Ridge CC	<p>Early Childhood Preschool (Certificate) (C55860)*</p> <p>August 19, 2016</p>	<ul style="list-style-type: none"> <li>Coursework within the early childhood preschool certificate aligns with the Child Development Associate (CDA) training required subject areas which is part of the CDA certification recognized by Head Start. (Council for Professional Recognition; National Association of the Education of Young Children)</li> <li>According to data projections provided by the U.S. Bureau of Labor Statistics for 2014-24, employment openings for preschool teachers is expected to increase by 7%. Additionally, preschool teachers earn on average approximately \$13.74 per hour which equates to an average annual salary of approximately \$28,570. (U.S. Bureau of Labor Statistics)</li> <li>In North Carolina, the employment opportunities for preschool teachers are increasing faster than the national average. The North Carolina Department of Commerce projects a 23% increase in employment openings for preschool teachers statewide between 2012-22.</li> <li>The average annual wage for preschool teachers in North Carolina is \$22,540 which equates to approximately \$11.74 per hour. (North Carolina Department of Commerce).</li> <li>A stand-alone early childhood preschool certificate was developed as part of statewide curriculum revision to the Early Childhood program of study that is a result of the Growing Greatness/Race to the Top grant project led by Blue Ridge Community College in 2014-2015.</li> </ul>

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Blue Ridge CC	Early Childhood Preschool (Certificate) (C55860)* <i>Continued</i>  August 19, 2016	<ul style="list-style-type: none"> <li>Through the curriculum revision work of Growing Greatness, early childhood faculty identified ways to streamline early childhood program of study to provide students with more seamless and efficient transitions and pathways between various current degrees, diplomas, and certificates awarded in early childhood curriculum programs.</li> </ul>
Cape Fear CC	Automotive Customizing Technology (A60190)  January 15, 2016	<ul style="list-style-type: none"> <li>According to data provided by the U.S. Bureau of Labor Statistics, 13% growth is projected for automotive and collision technician jobs nationally.</li> <li>The NC Department of Commerce listed 52 job openings with average hourly wages of \$18.12. There were many additional job openings for individuals possessing fabrication, welding, assembly, or auto insurance adjuster (collision) skill sets.</li> <li>The college conducted a survey of currently enrolled students at the beginning of the Fall 2015 semester to assess their interest in new vocational/technical programs. Of the 1,253 students who responded to this survey, 266 (21%) expressed interest in the Automotive Customizing program.</li> <li>This program will require minimal additional equipment and facilities as these resources are already in place for the automotive, collision, and welding technology programs.</li> <li>Three local automotive repair facilities expressed support for the program through an employer survey and forecasted positive growth for this industry in upcoming years.</li> <li>The college has had good success with their dual enrollment Career and College Promise programs due to their relationship with their local school system and believe that the customization program will be fit nicely into a robust transportation pathway.</li> </ul>
Cape Fear CC	Nurse Aide (Certificate) (C45840)  January 15, 2016	<ul style="list-style-type: none"> <li>Currently, CFCC offers Nurse Aide training through continuing education. The addition of the program in curriculum would only require one additional full-time faculty.</li> <li>Employment of nurse aides is expected to grow as the baby-boomer population ages. Between 2012 and 2022, the NC Commerce Occupational Outlook has projected a 33.5% increase in jobs for Nurse Aides, Psychiatric Aides and Home Health Aides.</li> <li>As of August 9, 2015, the Wilmington metropolitan statistical area advertised twenty-six job openings for nursing assistants. During this same time period, they also had seventy job openings advertised online for the related group of healthcare support occupations.</li> <li>CFCC surveyed their student body in August and September and identified that 361 students out of 1,252 students (29%) were supportive of the Nurse Aide program being offered in curriculum.</li> </ul>

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Cape Fear CC	Nurse Aide (Certificate) (C45840) <i>Continued</i>  January 15, 2016	<ul style="list-style-type: none"> <li>CFCC is working with UNC Wilmington and their own nursing programs to award points for students who complete the Nurse Aide curriculum certificate program. This will enable them to develop a Career and College Promise pathway for high school students that includes the certificate with their articulated health science courses.</li> </ul>
Cape Fear CC	Veterinary Medical Technology (A45780)  January 15, 2016	<ul style="list-style-type: none"> <li>The Veterinary Medical Technician (VMT) position is a highly skilled and invaluable part of the growing veterinary occupational field. VMT's carry out a variety of essential duties as they work both independently and hand-in-hand with veterinarians in providing care for animals. Increasingly, veterinarians and animal service providers seek certified VMT's to staff their practices.</li> <li>The U.S. Bureau of Labor Statistics projects the need for Veterinary Technologists and Technicians to grow by 30% between 2012 and 2022.</li> <li>In our state, VMT positions are projected to increase approximately 8.5%. However, it is projected that the Cape Fear region will have an increase of 25.2% between 2012 and 2022.</li> <li>Letters of support for the program were submitted to CFCC by the Wilmington Chamber of Commerce, Hampstead Animal Hospital and a former veterinarian in the Cape Fear region.</li> <li>The owner of Hampstead Animal Hospital stated the following: <i>They are the only employees we can assign the veterinary duties of a hospital technician. Non-licensed personnel must be hired as assistants. Licensed technicians are legally able to give injections, including rabies vaccinations.</i></li> <li>The Wilmington Chamber of Commerce believes the <i>business community would welcome the opportunity to be able to have a pool of skilled VTs to enhance services to address the needs of their customers.</i></li> <li>If approved, the VMT program will be housed in a new facility being constructed on the CFCC North Campus with New Hanover County bond funds.</li> </ul>
Central Carolina CC	Building Construction Technology (A35140)  January 15, 2016	<ul style="list-style-type: none"> <li>Nationally, employment in the construction sector is projected to grow 2.6% annually during 2012- 2022. This growth is the third highest among all industry sectors and the highest among all goods-producing sectors (Bureau of Labor Statistics).</li> <li>Construction and Specialty Trade Contractors are in the top five projected growth sectors for the North Central Region of NC which includes Chatham, Lee, and Harnett counties (NC Dept. of Commerce). Statewide, construction of buildings is projected to grow 36.4% (NC Dept. of Commerce). During the period 2011-2012, 81% of students that had achieved an associate degree in construction technologies in the NC Community College System were employed one year post-graduation (NC Tower).</li> </ul>

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Central Carolina CC	Building Construction Technology (A35140)  <i>Continued</i>  January 15, 2016	<ul style="list-style-type: none"> <li>Building permits have increased more than two-fold in Chatham County since 2010 and will continue to increase (U.S. Census Bureau). In Chatham County, Chatham Park, slated to develop in stages over the next 30 years, is a 7,000+ acre master-planned live, work, play, sustainable community under construction in Pittsboro, North Carolina. With zoning approval for 22-million square feet of commercial, office, and civic space and 22,000 residential units, it will be one of the largest master-planned communities in the country upon completion.</li> <li>A "Planning Survey for New Academic Programs" was conducted to potential applicants and students in late 2015 which identified approximately 105 students already interested in enrolling in the Building Construction Technology program at CCCC.</li> <li>CCCC currently offers several construction-related courses through their Sustainability Technologies program. Therefore, the college has much of the materials and equipment needed to teach coursework related to the proposed program, and has available classroom and laboratory space at the Pittsboro Campus in Chatham County.</li> <li>Equipment and supply funds have been budgeted during the current fiscal year to plan for the Fall 2016 implementation. A full-time, fully-credentialed instructor for building/sustainability courses began at CCCC in August 2015 to begin planning for curriculum implementation.</li> <li>UNC-C, ECU, NCSU, Western Carolina, NC A&amp;T, and Appalachian State offer undergraduate degrees in Construction Management, providing interested students with multiple pathways to four-year degrees.</li> <li>Letters of support were received from Bold Construction and Newland Communities for the development of a Building Construction Technology program at CCCC.</li> </ul>
Central Carolina CC	Health and Fitness Science (A45630)  January 15, 2016	<ul style="list-style-type: none"> <li>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.</li> <li>According to the NC Department of Commerce, the local job demand in the Triangle South Workforce Development region in the state will experience an estimated 9.1% increase for Health and Fitness Science (Certified Personal Trainer/Fitness Specialist, Manager) until 2020.</li> <li>In July/August 2015 there were 391 statewide job openings for Health and Fitness Science personnel listed on NCWorks.gov.</li> <li>The Employment Security Commission of NC/NC Labor &amp; Economic Analysis Commerce estimates a 10% increase with a projection of 150 annual job openings. National data indicates that the annual employment demand for Health and Fitness Science graduates will increase 13% or 6,500 job openings.</li> </ul>

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Central Carolina CC	Health and Fitness Science (A45630)  <i>Continued</i>  January 15, 2016	<ul style="list-style-type: none"> <li>North Carolina employment data indicated that 100% of Health and Fitness Science graduates from 2011-2012 were employed or enrolled in an advanced educational program within one year of graduation. (NCtower.com)</li> <li>In Fall 2015, CCCC completed a program planning survey that identified 164 potential Health and Fitness Science applicants.</li> <li>Dedicated classroom and gym space is planned on the Lee County Campus to allow for the implementation of the Health and Fitness Science program.</li> <li>Central Carolina Community College (CCCC) and North Carolina Central University (NCCU) are in the process of developing an articulation agreement that would allow graduates to receive articulated credit toward the following NCCU Physical Education and Recreation degrees: Fitness and Wellness Management, Exercise Sport Science, Physical Education: Teaching Major, Athletic Training and Recreation Administration.</li> <li>Letters of support for the program were submitted to CCCC by Directors at the Triangle-Lee County YMCA and the Harnett County Parks and Recreation.</li> </ul>
Central Carolina CC	Therapeutic Massage (A45750)  January 15, 2016	<ul style="list-style-type: none"> <li>According to the NC Department of Commerce, the local job demand in the Triangle South Workforce Development region in the state will experience an estimated 11.1% increase for Therapeutic Massage until 2020.</li> <li>Therapeutic Massage has a strong current demand with 74 local and 132 state wide job openings advertised in October/November, 2015 (NCWorks.gov). O-Net Online lists Therapeutic Massage as a bright outlook occupation that is expected to grow much faster than average over the period 2012-2022.</li> <li>The Employment Security Commission of NC/NC Labor &amp; Economic Analysis Commerce estimates a 21% increase with a projection of 140 annual job openings. National data indicates that the annual employment demand for Therapeutic Massage graduates will increase 23% or 4,410 job openings.</li> <li>North Carolina employment data indicated that 86% of Therapeutic Massage graduates from 2011-2012 were employed or enrolled in an advanced educational program within one year of graduation. (NCtower.com)</li> <li>In Fall 2015, CCCC completed a program planning survey that identified 157 potential Therapeutic Massage applicants.</li> <li>Dedicated classroom and lab/clinical space is planned on the Lee County Campus to allow for the implementation of the Therapeutic Massage program.</li> <li>Letters of support for the program were submitted to CCCC by the owners of Massage to Heal and Real Body Therapy.</li> </ul>

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Central Carolina CC	Occupational Education Associate (A55320)  July 15, 2016	<ul style="list-style-type: none"> <li>Prospective secondary school teachers who possess considerable trade and/or industrial skills/experience, yet lack credentialing required to fulfill lateral entry requirements, are required to take education courses prescribed by the Department of Public Instruction (DPI) and their Local Education Agency (LEA).</li> <li>Central Region CTE Directors indicated significant need for the greater access to lateral entry courses for their CTE faculty in a survey conducted by CCCC. Response data highlights include: <ul style="list-style-type: none"> <li>Roughly 31% of the aggregated CTE faculty employed by respondents' districts were engaged in, or in need of, lateral entry training.</li> <li>Approximately 67% reported "finding courses" or "course offerings" as the greatest obstacle to lateral entry credentialing for CTE teachers in their respective districts.</li> <li>Approximately 67% indicated that a trade/industrial skill was among the hardest CTE teaching specialty in which to hire/retain faculty.</li> <li>Open-ended comments indicated enhanced access and more proximate offerings and student services would be desired and appreciated by secondary education faculty seeking to meet licensure requirements.</li> </ul> </li> <li>Employment demand for CTE teachers in the prosperity zones served by CCCC (North Central Region and Sandhills Region) is projected to increase 10.4% until 2022, with 75 annual vacancies on average. (North Carolina Department of Commerce).</li> <li>In Fall 2015, a total of 158 potential Occupational Education applicants were identified at Central Carolina Community College via a Program Planning Survey for New Academic Programs.</li> <li>Funds to cover the costs of instructional design and development of EDU-prefixed courses specific to the proposed program are allocated within the 2015-2016 institutional budget and are planned for the 2016-2017 budget, as well. Program implementation will require no dedicated physical facilities or equipment.</li> <li>The CTE Director of Harnett County Schools, provided a letter of support for the Occupational Education Associate program and has also been involved in the development of the program - serving as a liaison between CCCC and the Central Region CTE Directors group, and by referring prospects seeking courses for lateral entry certification.</li> </ul>

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College of The Albemarle	Health and Fitness Science (A45630)  February 19, 2016	<ul style="list-style-type: none"> <li>According to the Center for Disease Control &amp; Prevention, <i>two-thirds of Americans are overweight, one-third of Americans are obese, half of Americans are at risk of heart disease, one-quarter of deaths in the U.S. are attributed to heart disease, and over 9% of Americans have diabetes.</i></li> <li>According to the 2013 Pasquotank County Community Assessment, obesity, heart disease, and diabetes are significant health problems in the region. In addition, over 15% of the citizens in the Albemarle region are over 65 years of age, and they anticipate a significant increase in this age group over the next 15 years.</li> <li>Locally, since obesity, heart disease, and diabetes are significant health problems and the population is aging the Health and Fitness Science program would meet a community need.</li> <li>The U.S. Bureau of Labor Statistics estimates that employment for fitness professionals is expected to increase by 13% between 2012 and 2022.</li> <li>North Carolina employment data indicated that 100% of Health and Fitness Science graduates from 2011-2012 were employed or enrolled in an advanced educational program within one year of graduation. (NCTower.com)</li> <li>COA completed a program planning survey that identified 238 potential Health and Fitness Science applicants.</li> <li>Dedicated classroom and lab space has been identified for the Health and Fitness Science program.</li> <li>The program would only require one additional adjunct part-time faculty with specialization in the field.</li> <li>Because of the broad nature of this entry-level degree, a number of potential employment sites have been identified across the seven county region including: Parks and Recreation Departments, Boys and Girls Clubs, hospitals, rehabilitation centers, senior centers, nursing homes, local schools, special education classrooms and after-school programs.</li> <li>The district vice president of the YMCA stated the following: <i>We need equipped coaches and leaders to help our community make a lifestyle change. One of the essential elements for a lifestyle coach is a basic understanding of the health and fitness sciences. A Health and Fitness Science program would help equip these future leaders to inspire and change others. A graduate could become employed as a personal trainer, wellness coach, YMCA Change coach, department leader or even as a division director.</i></li> </ul>



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College of The Albemarle	Sustainable Agriculture (A15410)  August 19, 2016	<ul style="list-style-type: none"> <li>• Graduates of the program should be able to pursue entrepreneurial opportunities. The college will provide assistance for entrepreneurs through their Small Business Center.</li> <li>• The college surveyed thirty businesses within the service area. The survey indicated fifteen current openings, fifty-nine within the last two years and an anticipated fifty-seven openings within the next two years. The majority of the businesses indicated a need for employees with a minimum of their Associate in Applied Science degree.</li> <li>• The college surveyed high school students within their service area to determine interest in the proposed program. Five hundred and seventeen high school students expressed interest in the program.</li> <li>• COA plans to develop Sustainable Agriculture Career and College Promise programs in order to provide Associate in Applied Science pathways to high school students.</li> <li>• The college plans to pursue articulation opportunities with North Carolina State University and Mount Olive University for students wanted to further their education with a bachelor's degree.</li> <li>• The college has a state of the art greenhouse on site that can be utilized by the students in this program. Whatever is grown by the agriculture department will be utilized by the culinary students at COA. Additional produce will be donated to the Food Bank.</li> <li>• The college received letters of support for the program from the Pasquotank County Center of the NC Cooperative Extension Service, B&amp;S Enterprises (sales and service retailer of agricultural products), Tidewater Agronomics, Inc., and VA. Fork Produce Company in Edenton, NC.</li> </ul>
Davidson County CC	Dental Assisting (Diploma) (D45240)  May 20, 2016	<ul style="list-style-type: none"> <li>• The ECU School of Dental Medicine established nine Community Service Learning Centers across NC to provide dental students with hands-on experience and to help more adults and children receive the oral health care they need. ECU School of Dentistry chose Davidson County as one of the Community Service Learning Centers. The Dean of ECU's Dental School noted: <i>with the addition of the Dental Assisting curriculum you will be making available the opportunity for program graduates to greatly increase the efficiency of the delivery of quality oral health care while becoming valued members of the dental care team in public health; private practices and academia.</i></li> <li>• To determine interest from area high school students, a survey was developed and administered to Health Science students in all eleven high schools in the service area. A total of 682 students completed the survey with 141 students expressing an interest in pursuing the Dental Assisting program.</li> </ul>

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Davidson County CC	Dental Assisting (Diploma) (D45240)  <i>Continued</i>  May 20, 2016	<ul style="list-style-type: none"> <li>The ECU School of Dental Medicine established nine Community Service Learning Centers across NC to provide dental students with hands-on experience and to help more adults and children receive the oral health care they need. ECU School of Dentistry chose Davidson County as one of the Community Service Learning Centers. The Dean of ECU's Dental School noted: <i>with the addition of the Dental Assisting curriculum you will be making available the opportunity for program graduates to greatly increase the efficiency of the delivery of quality oral health care while becoming valued members of the dental care team in public health; private practices and academia.</i></li> <li>To determine interest from area high school students, a survey was developed and administered to Health Science students in all eleven high schools in the service area. A total of 682 students completed the survey with 141 students expressing an interest in pursuing the Dental Assisting program.</li> <li>The Sheps Center for Health Services Research at Chapel Hill reports: <i>that Davidson County, by comparison, has only 2.6 dentists for every 10,000 residents, with nearly half of its dentists near or past retirement age. It is important to note that the national average is six dentists for every 10,000 people. The presence of the community service learning center itself has brought dental care to many patients that previously had little access to oral health care.</i></li> <li>Letters of support for the program were submitted to DCCC by six dental practices in their area.</li> <li>One of the six dentist noted: <i>Having practiced in Lexington for nearly thirty years, we have dealt with the need for such a program on many occasions. We have been forced several times to hire out of town assistants who leave when they can find jobs closer to home, to having to use office trained assistants, to working short staffed. Our office is currently short one assistant.</i></li> </ul>
Fayetteville Technical CC	Intelligence Studies (A25700)  July 15, 2016	<ul style="list-style-type: none"> <li>Topics covered in the intelligence degree emphasize the historical and political context of the intelligence field and provide students with a deeper social and cultural understanding of world regions critical to U.S. national and international intelligence communities. This degree provides instruction in the multidisciplinary field of intelligence studies and is designed for students who are currently employed or wish to pursue positions as military, civilian, or corporate intelligence specialists.</li> <li>FTCC has been teaching the contents of the proposed courses under continuing education. Instructors with experience in the Intelligence Community and at least a Master's Degree related to the intelligence field such as Cyber Security, Computer Forensic, Computer Science, Military Science, Law, Emergency Management, Political Science, and Criminal Justice are available to teach the courses required for the proposed program. The demand for intelligence studies has been exceptional.</li> </ul>

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Fayetteville Technical CC	<p>Intelligence Studies (A25700)</p> <p><i>Continued</i></p> <p>July 15, 2016</p>	<ul style="list-style-type: none"> <li>FTCC has collaborated with Fayetteville State University to ensure that the FTCC Intelligence Degree fits seamlessly into the FSU Intelligence Studies Bachelor's Degree. If approved for the program, FTCC would like pursue a "bilateral" agreement with FSU. In addition, FTCC will work closely with the U.S. Army's Intelligence and Security Command (INSCOM) and their Foundry program managers to provide training not only to interested individuals but also through Unit Level Courses that meet the training and education demands for entire intelligence units.</li> <li>There are more than 1,271 government organizations and 1,931 private companies that work on programs related to intelligence, security, counterterrorism, homeland security and intelligence in about 10,000 locations across the United States. Fort Bragg, North Carolina is home to the largest military population in the United States. The United States Army Forces Command (FORSCOM) is the largest United States Army command and provider of expeditionary, regionally engaged, campaign-capable land forces to combatant commanders. Headquartered at Fort Bragg, North Carolina, FORSCOM consists of more than 750,000 Active Army, U.S. Army Reserve, and Army National Guard soldiers. There are more than twenty specialized intelligence organizations supporting the mission of force command of Fort Bragg. The proposed program will provide the necessary training in the fields of intelligences operations and studies for those agencies.</li> <li>The focus for employment for FTCC graduates is predominantly the Department of Defense positions which are located across the military bases in North Carolina; especially, in the service area of Fayetteville Technical Community College. According to Indeed.com and Monstora.com employment based sites, there are more than 2,000 current unduplicated intelligence related jobs available in North Carolina. There are more than 1,400 open Intelligence Operations Analyst, Geospatial Analyst, SIGINT Analyst, All Source Intelligence Analyst and Intelligence Research Analyst positions on Fort Bragg, North Carolina. The United States Marine Corps, The United States Army, the North Carolina National Guard and dozens of Department of Defense Contractors advertise for Intelligence related employment with salaries ranging from \$60K to \$137K. There are currently 270 open Cyber and Geospatial Intelligence positions that need to be filled in the next year. (Dr. Brian Kent, Executive Director, Center for Defense and Homeland Security, Office of the Chancellor, FSU, Fayetteville, NC)</li> <li>FTCC received eighteen letters of support from government intelligence agencies for the proposed program. Some of those agencies include, the Intelligence Agency for the 82<sup>nd</sup> Airborne Division, the 3<sup>rd</sup> Special Forces Group, the Special Operations Aviation Command, the 7<sup>th</sup> Special Forces Group, the 18<sup>th</sup> Airborne Corps, the United States Army Special Operations Command (USASOC), the United States Army Forces Command (FORSCOM), the North Carolina National Guard, and several Intelligence and Security Command contractors and employees.</li> </ul>

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Fayetteville Technical CC	<p>Surgical First Assistant (Certificate)* (C45870)</p> <p>August 19, 2016</p>	<ul style="list-style-type: none"> <li>• FTCC's advisory committee for their Surgical Technology program requested the development of this program. The Surgical First Assistant program would provide the certified surgical technologists (CST) a career pathway or sequence of credentials to increase their job qualifications and increase their marketability in the health care industry.</li> <li>• Currently, FTCC offers the Surgical Technology (A45740) program. Therefore, FTCC has the resources (personnel, facilities, clinical programs, etc.) available to implement the proposed Surgical First Assistant (Certificate) program.</li> <li>• It is reported in the National Board of Surgical Technology and Surgical Assisting (NBSTSA) newsletter that <i>the surgical first assisting profession has grown into an independent entity with more and more formal training programs available. The NBSTSA Board of Directors has recognized the necessity to establish standards for training via accreditation granted by the Commission on Accreditation of Allied Health education Programs (CAAHEP).</i></li> <li>• The National Board of Surgical Technology and Surgical Assisting (NBSTSA) recognizes both the origins of the Surgical First Assistant profession and the evolution of educational programs in surgical assisting. The Board of Directors for NBSTSA recently announced changes in eligibility to sit for the Certified Surgical First Assistant (CSFA) Examination. <i>Effective June 3, 2017, any new applicant who wishes to sit for the CSFA must be a graduate of a Commission on Accreditation of Allied Health Education Program (CAAHEP).</i></li> <li>• According to the U.S. Bureau of Labor Statistics the average starting salary for surgical assistants is \$55,000, and the average annual salary is \$75,000. (<i>Houston Chronicle, 2016</i>).</li> <li>• The American Medical Association's (AMA) policy H475.986 <i>recognizes that the responsible surgeon may delegate the performance of part of a given operation to surgical assistants, provided the surgeon is an active participant throughout the essential part of the operation. Given the nature of the surgical assistant's role and the potential of risk to the public, it is appropriate to ensure that qualified personnel accomplish this function.</i></li> <li>• The Association of Surgical Assistants (ASA) supports legislative and regulatory efforts to ensure surgical assistants are credentialed as Certified Surgical First Assistant (CSFA), Certified Surgical Assistant (CSA) or Surgical Assistants-Certified (SA-Cs). NBSTSA offers the CSFA credential, the National Surgical Assistant Association (NSAA) offers the CSA credential, and the American Board of Surgical Assisting (ABSA) offers the SA-C credential.</li> <li>• It is reported in <u>Outpatient Surgery Magazine</u> that <i>surgeons who work with surgical assistants can increase their elective case volume. Surgical assistants bridge the communication gap between surgeons and surgical teams. They're extremely familiar with what surgeons need and how they operate, and they're in the OR before and after each case to help expedite the set up and turnover of rooms.</i></li> </ul>

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Fayetteville Technical CC	<p>Surgical First Assistant (Certificate)* (C45870)</p> <p><i>Continued</i></p> <p>August 19, 2016</p>	<ul style="list-style-type: none"> <li>• <u>OR Today</u> reports: <i>utilizing a skilled first assistant has decreased surgical time in the operating room, which decreases probability of surgical site infections and complications.</i> (<a href="http://WWW.ORTODAY.COM">WWW.ORTODAY.COM</a>, September 2015).</li> <li>• FTCC reports two major hospitals, within their service area, employ Surgical First Assistants. Currently, the two employers rely on the surgical assistant for the procurement of the saphenous vein, which is utilized during coronary artery bypass grafting (CABG) procedures.</li> <li>• Cape Fear Valley Health System, Southeastern Regional Medical Center, and several surgeons that serve on FTCC's Surgical Technology Advisory Board expressed support for the program.</li> <li>• FTCC completed a student interest survey that identified 71 out of 74 respondents were interested in the program.</li> <li>• According to CAAHEP data, there are eight accredited Surgical Assisting programs in the United States.</li> <li>• FTCC plans to offer the Surgical First Assistant (Certificate) program totally online with the clinical component as Work-Based Learning (WBL). Students will be responsible for procuring a surgeon to serve as their preceptor, while completing the surgical case requirements.</li> </ul>
Haywood CC	<p>Associate in Engineering (A10500)</p> <p>March 18, 2016</p>	<ul style="list-style-type: none"> <li>• The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college.</li> <li>• 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.</li> <li>• 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.</li> </ul>
Johnston CC	<p>Phlebotomy (Certificate) (C45600)</p> <p>February 19, 2016</p>	<ul style="list-style-type: none"> <li>• JCC currently offers phlebotomy training through continuing education. From 2010 through 2015, the college's enrollment within continuing education has more than doubled-from 30 unduplicated students served in the first year to 92 unduplicated students in 2014-2015.</li> <li>• 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 27% from 2012-2022 (the equivalent change of 27,100 jobs).</li> </ul>

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Johnston CC	<p>Phlebotomy (Certificate) (C45600)</p> <p><i>Continued</i></p> <p>February 19, 2016</p>	<ul style="list-style-type: none"> <li>The Bureau of Labor Statistics forecasts employment of phlebotomists within North Carolina to grow 31% from 2012 to 2022, faster than the average for all occupations both nationally and statewide.</li> <li>Johnston County has a continuing need for qualified phlebotomists within the college's service area. According to the most recent occupational projections published by the North Carolina Department of Commerce, the North Central prosperity region of the state (which includes Johnston County) is expected to experience the largest occupational growth, at 33.5%, for phlebotomists than any other region across the state from 2012-2022.</li> <li>Once JCC 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 JCC to develop a Career and College Promise (CCP) pathway for high school students.</li> <li>Letters of support for the program were submitted to JCC by Johnston Health, a partner of UNC Health Care, Johnston County Public Health Department, Horizon Family Medicine, PA., FastMed Urgent Care, and the Johnston County Public School System.</li> <li>JCC surveyed over one hundred students in current CCP classes as well as pre-health science college students, and over 90% expressed an interest in the Phlebotomy program.</li> </ul>
Johnston CC	<p>Mammography (Certificate) (C45830)</p> <p>April 15, 2016</p>	<ul style="list-style-type: none"> <li>The American Cancer Society estimated that in 2015 there would be 231,840 new cases of invasive breast cancer and 60,290 of in situ breast cancer diagnosed among women. In addition, they estimated a diagnosis of breast cancer for approximately 2,350 men. A mammogram is the single most effective method of early detection of breast cancer. The Affordable Care Act requires mammograms to be 100% covered under Medicare and new health insurance plans.</li> <li>Effective January 2016, candidates applying for mammography certification through the American Registry of Radiologic Technologists (ARRT) must document 16 hours of structured education.</li> <li>Effective January 2016, candidates applying for mammography certification through the American Registry of Radiologic Technologists (ARRT) must document 16 hours of structured education.</li> <li>Since the fall of 2006, JCC has offered a thirty-one contact hour continuing education seminar in mammography; however, students participating in the Mammography Initial Training Seminar who are not employed within a clinical facility, struggle to find clinical sites that will allow them to compete the clinical components required for Mammography Quality Standards Act and Program (MQSA) and ARRT mammography certification. As a curriculum program, the mammography certificate will provide students with the necessary clinical experience needed to become a registered mammographer.</li> <li></li> </ul>

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Johnston CC	Mammography (Certificate) (C45830)  <i>Continued</i>  April 15, 2016	<ul style="list-style-type: none"> <li>According to the most recent occupational projections published by the North Carolina Department of Commerce, the North Central prosperity region of the state (which includes Johnston County) is expected to experience the largest occupational growth, at 29%, for radiologic technologists (including mammographers) from 2012 to 2022. This projected occupational increase within the North Central prosperity zone is greater than that for the state as a whole for mammographers (24%) and for the nation (21%).</li> <li>Letters of support for the program were submitted to JCC by Raleigh Radiology and Johnston Health, a partner of UNC Health Care which employs more than 200 physicians within the county.</li> <li>Throughout the past year, 110 current and prospective health science students have been surveyed to gauge interest in the proposed mammography curriculum program. To date, 90% of the students surveyed have expressed an interest in pursuing the mammography certificate.</li> </ul>
Lenoir CC	Associate in Engineering (A10500)  April 15, 2016	<ul style="list-style-type: none"> <li>The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college.</li> <li>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.</li> <li>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.</li> </ul>
Martin CC	Criminal Justice Technology (A55180)  July 15, 2016	<ul style="list-style-type: none"> <li>The US Bureau of Labor Statistics estimated that there are 6,160 protective service jobs regionally within the northeastern part of the state.</li> <li>Bertie Correctional Institute has 66 correctional officer position vacancies. There are 484 staff positions at the facility that have a criminal justice component to them. The facility is located just 10 miles from the college campus.</li> <li>Letters of support have been received from: The Mayor of Windsor, Windsor County Chamber of Commerce, Bertie County Board of Commissioners, Martin County Board of Commissioners, Martin County Economic Development President, Bertie County Economic and Industrial Planning and Development Commission, Martin County Chamber of Commerce, Bertie and Martin County Schools, and the Town of Windsor.</li> <li>Bertie area high schools estimate that there would be between 20-30 students interested in enrolling in the program.</li> </ul>

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Martin CC	<p>Criminal Justice Technology (A55180)</p> <p><i>Continued</i></p> <p>July 15, 2016</p>	<ul style="list-style-type: none"> <li>The college has developed the Bertie High School Criminal Justice Cadet Program with support from the Governor's Office and the NC Department of Public Safety. The program successfully began in January, 2016, as a collaborative between Martin and Roanoke-Chowan community colleges. Martin is ready to assume responsibility for the program that will result in an associate's degree in Criminal Justice Technology. The college is working on establishing collaborative bachelor criminal justice degree pathways with four-year universities. Approximately 50 students originally expressed interest in enrolling in the cadet program; sixteen students were accepted to participate in the initial semester offering.</li> <li>Bertie-Martin Regional Jail estimated that they will have five new employee positions; Martin County Sheriff's Department estimated they will have five new employee positions, Bertie County Sheriff's Department estimated eight new positions; Robersonville Police Department one; and Williamston Police Department ten-fifteen within the next five years.</li> </ul>
Mayland CC	<p>Practical Nursing (Diploma) (D45660)</p> <p>July 15, 2016</p>	<ul style="list-style-type: none"> <li>The Practical Nursing (PN) program, which started in 1972, was the first nursing program established at MCC. The program was started as a Nursing Exit Options (NEO) program in partnership with Caldwell Community College and Technical Institute. In 1995, The NEO program transitioned into the ADN degree at MCC.</li> <li>In 2004, the PN program was established with approval to teach twenty students by NCBON. The PN program was a strong program, posting good passing rates on the NCLEX-PN exam.</li> <li>In 2013, the PN program was put on hold. During this same time period, Mission Health located in Asheville, NC began purchasing several community health care providers in the service area. They made the decision to limit the number of Licensed Practical Nurses (LPNs) and hired Nurse Aide I employees. Therefore, with employment options decreasing, the PN program was terminated at MCC in 2014.</li> <li>Recent trends in healthcare are shifting away from acute care facilities and more toward extended care. For many patients, especially the elderly, the comprehensive and high-cost facility of a hospital is disproportionate to the kind of care that they may need. Extended care is a better option for patients who do not have acute trauma or require surgery or elaborate medical interventions. Extended care can be provided by assisted living facilities, hospice, or home health care.</li> <li>Over the past several years, the population of the service area has continued shifting toward an older demographic. The sixty years and older age group had tremendous growth between 2010 and 2014. In 2010, the US Census Bureau indicated, the percentage of persons 65 years and older were the following: Avery County 17.4%, Mitchell County 20.9% and Yancy County 20.6%. In 2014, Access NC indicated, the percentage of persons 60 years and older were the following: Avery County 25.8%, Mitchell County 29.8% and Yancy County 30.4%.</li> </ul>



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Mayland CC	<p>Practical Nursing (Diploma) (D45660)</p> <p><i>Continued</i></p> <p>July 15, 2016</p>	<ul style="list-style-type: none"> <li>The trend toward extended care and the shift toward an older demographic population has led to an increase in the number of new assisted living facilities, nursing homes, and home-health agencies within the area. MCC notes they have seen new employment growth in existing agencies. All of these healthcare providers hire LPNs, and they support the addition of the PN program at MCC.</li> <li>Based on these trends, MCC has partnered with healthcare agencies to explore their future workforce needs. This collaboration has determined that the PN program provides the educational foundation to create employment opportunities in the healthcare field.</li> <li>Approximately twenty percent of MCC's service region is currently in poverty. Given the current economic conditions in the counties that MCC serves, many prospective students who desire to enter the nursing profession do not have the resources, even with financial aid, to complete a rigorous two or three year ADN program.</li> <li>With input and direction from their nursing advisory committee, coupled with extensive research including employers in the region, a one-year PN program is a viable option for students to obtain quality, entry-level jobs into the nursing profession.</li> <li>With the approval of the PN program, graduates can enter the workforce. With their increased earning potential, graduates of the PN program have the opportunity to progress in the nursing profession by completing the PN to ADN pathway to become a Registered Nurse (RN). Similarly, once the student has obtained their RN, the student can complete a BSN through the RN to BSN pathway.</li> <li>Letters of support for the program were submitted to MCC by Life Care Center of Banner Elk, Roan Highlands Nursing Center, Pruitt Home Health –Toe River, Appalachian Regional HealthCare System, Medi-Home Hospice, Smokey Ridge Health and Rehabilitation, and Glenbridge Health and Rehab Center.</li> <li>Life Care Center of Banner Elk, a long-term care facility, noted: <i>Educating and providing a competent, qualified workforce of future health care providers continues to be an important goal for our region. Since the discontinuation of the LPN program we are finding it difficult to recruit enough nurses to provide the high standard of care our residents need and deserve which is causing our current staff to have to pick up extra days to provide care. Many nurses are starting to become 'burnt out'. Therefore, we are in support of implementing the MCC PN program."</i></li> <li>It was noted by Appalachian Regional Healthcare System: <i>We currently employ LPNs within the MCC service area. We are expanding our long-term care capacity with the opening of The Foley Center at Chestnut Ridge during the summer of 2016. We anticipate expanded job opportunities for LPN's."</i></li> </ul>

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Mayland CC	Agribusiness Technology (A15100)  October 21, 2016	<ul style="list-style-type: none"> <li>Farmers and other agricultural managers can expect a median pay of \$30.85 per hour. (US Bureau of Labor Statistics).</li> <li>MCC plans to offer a Career and College Promise high school Agribusiness program if approved for the program.</li> <li>Student enrollment in the Future Farmers of America (FFA) chapters in the local three high schools has continued to increase. MCC has already completed their application to start a FAA chapter in order to allow student involvement in FAA as they continue their pathway towards a degree in Agribusiness.</li> <li>The Yancey County Government and the Yancey County Economic Development Commission recently created the Yancey County Agricultural Task Force. The role of the Task Force is to shape and enhance agricultural economic development in the county. MCC anticipates that this initiative will lead to increased student demand for the proposed program.</li> <li>Graduates of the program will also be able to pursue entrepreneurial opportunities. The college will provide assistance to entrepreneurs through their Small Business Center.</li> <li>Both the Mitchell and Yancey County Cooperative Extension Directors are supportive of the proposed program and stated that they: <i>recognize both the opportunity and imperative of developing a rural infrastructure and support mechanism to create jobs as the basis for long term economic advantage.</i></li> <li>A letter of support for the proposed program was received from the President of the Mitchell County Farm Bureau who stated: <i>This project is an essential initiative that will facilitate the growth of rural jobs in our region.</i></li> <li>Letters of support were received from local businesses such as Tractor Food and Farms and Griffith General Store.</li> <li>According to the US Department of Agriculture, <i>half of all current farmers in the United States are likely to retire in the next decade.</i></li> <li><i>Direct-to-consumer channels such as farmers' markets, roadside stands, u-pick, as well as intermediated channels, such as direct sales to restaurants, institutions, or regional food aggregators, are growing.</i> (US Department of Agriculture, Trends in US, Local and Regional Food Systems. January 2015).</li> </ul>

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McDowell Technical CC	Associate in Engineering (A10500)  July 15, 2016	<ul style="list-style-type: none"> <li>The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college.</li> <li>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.</li> <li>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.</li> </ul>
Mitchell CC	Computer-Integrated Machining (A50210)  April 15, 2016	<ul style="list-style-type: none"> <li>The college performed a comprehensive employment analysis to determine the need for and general viability of a computer-integrated machining program. Surveys of local machining industries along with feedback from the college advisory committee revealed that there is a significant need for qualified machinists in Iredell County. There are currently 408 machining-related jobs within the college's service area paying a median wage of \$19.29/hour and 110 projected job openings from 2012-2022.</li> <li>The US Bureau of Labor Statistics estimates 6% positive growth in machinist occupations for 2014-24. Workers familiar with computer software applications and who can perform multiple tasks in a machine shop will have the best job opportunities.</li> <li>The College has offered a certificate in machining under its Mechanical Engineering Technology program with success and is prepared to expand course offerings to meet industry needs for higher-end skills in areas such as computer numeric controlled (CNC) machining processes. A modern, well-equipped machining laboratory is presently in place.</li> <li>The college has received a letter from Iredell-Statesville Schools indicating support for the machining program and will develop a Career and College Promise dual-enrollment career pathway for Computer-Integrated Machining. Seventeen high school students expressed interest in the machining program and a local employer survey indicated that approximately 40 employees would likely enroll in the program.</li> <li>The college has recently joined SkillsUSA as a means to proactively build support and student interest in the machining program. Plans are for students to partake in various club and skills activities while also engaging in local, state, and national student machining competitions in order to promote interest in the program while fostering contextualized, hands-on learning.</li> <li>The college received letters of support from J.C. Steele &amp; Sons, Inc., and ProEdge Precision, LLC, in support of the Computer-Integrated Machining program.</li> </ul>

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Mitchell CC	Emergency Medical Science (A45340)  July 15, 2016	<ul style="list-style-type: none"> <li>MCC has offered coursework in emergency medical services through continuing education since 2006. The College reported 1,000 students have completed emergency medical services classes and over 85% of them have earned a credential.</li> <li>The U.S. Bureau of Labor Statistics projects: <i>employment of emergency medical technicians and paramedics is expected to grow by twenty-four percent from 2014 to 2024, much faster than the average for all occupations. Emergencies, such as car crashes, natural disasters, and acts of violence, will continue to create demand for EMTs and paramedics.</i></li> <li>Letters of support for the program were submitted to MCC by the Principal of the Career Academy and Technical School, the Director of Career and Technical Education with the Iredell-Statesville Schools, Mooresville Fire-Rescue, Davis Regional Medical Center, and Iredell County Emergency Medical Services.</li> <li>MCC plans to offer courses to local high school students through Career and College Promise.</li> <li>Currently, MCC offers the program through continuing education and already has the equipment and supplies which will minimize expenses. Iredell County recently passes a \$12 million bond for a new Health Sciences building. The EMS program will be housed in this building.</li> </ul>
Montgomery CC	Phlebotomy (Certificate) (C45600)  February 19, 2016	<ul style="list-style-type: none"> <li>MCC currently offers phlebotomy training through continuing education. If Phlebotomy was approved through curriculum the college would create a stackable credential pathway from phlebotomy to their associate degree in Medical Assisting.</li> <li>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 27% from 2012-2022 (the equivalent change of 27,100 jobs).</li> <li>The Bureau of Labor Statistics forecasts employment of phlebotomists within North Carolina to grow 31% from 2012 to 2022, faster than the average for all occupations both nationally and statewide.  The NC Commerce Star Jobs data projects a growth of 2.73% (176 annual openings) in the Sandhills region.</li> <li>Once MCC 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.</li> <li>Letters of support for the program were submitted to MCC by White Oak Urgent Care and Premier Internal Medicine &amp; Urgent Care.</li> </ul>

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Montgomery CC	Associate in Engineering (A10500)  October 21, 2016	<ul style="list-style-type: none"> <li>The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college.</li> <li>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.</li> <li>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.</li> </ul>
Nash CC	Emergency Medical Science (A45340)  January 15, 2016	<ul style="list-style-type: none"> <li>NCC has been providing Emergency Medical Science (EMS) education through continuing education for approximately thirty years. The availability of the EMS program through curriculum would allow employment opportunities for new students and professional opportunities for EMS providers.</li> <li>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 that North Carolina is expected to have a similar increase of 22% or 480 job openings on an annual basis.</li> <li>NCC has worked with Nash County EMS to ensure the target goals for a new program would meet both the needs of EMS employers and the communities they serve.</li> <li>Letters of support for the program were submitted to NCC by Nash County Emergency Services and the Nash-Rocky Mount Public School System.</li> <li>The Nash-Rocky Mount Public Schools are interested in the Emergency Medical Science program being available as a Career and College Promise pathway for their students.</li> </ul>
Nash CC	Nurse Aide (Certificate) (C45840)  September 16, 2016	<ul style="list-style-type: none"> <li>Currently, NCC offers Nurse Aide training through continuing education.</li> <li>In 2012, both the Associate Degree and Practical Nursing programs implemented the requirement for certification as a Nurse Aide I (CNA I) as part of the application eligibility criteria. Financial aid does not pay for continuing education classes, therefore Many students have expressed financial aid challenges related to taking the nurse aide class through continuing education while also taking curriculum courses toward nursing</li> <li>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 statewide.</li> <li>Employment of nurse aides is expected to grow as the baby-boomer population ages. Between 2012 and 2022, the NC Commerce Occupational Outlook has projected a 33.5% increase in jobs for Nurse Aides, Psychiatric Aides and Home Health Aides.</li> </ul>

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Community College (CC)	Curriculum Title, Code & SBCC Approval Date	Rationale for Approval (Provided by Community College)
Nash CC	<p>Nurse Aide (Certificate) (C45840)</p> <p><i>Continued</i></p> <p>September 16, 2016</p>	<ul style="list-style-type: none"> <li>According to an online job search conducted by the college in August 2016, there were over one hundred job openings for nursing assistants within the service area.</li> <li>Letters of support for the program were submitted to NCC by the Director at ASG Home Health and the CEO at LifeCare Hospitals of North Carolina.</li> <li>The Nash-Rocky Mount Public Schools are interested in the Nurse Aide program being available as a Career and College Promise pathway for their students.</li> <li>Once NCC 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 NCC to develop a Career and College Promise (CCP) pathway for high school students.</li> </ul>
Pitt CC	<p>Advanced Medical Coding (C45530)*</p> <p>October 21, 2016</p>	<ul style="list-style-type: none"> <li>PCC has been a longstanding producer of Registered Health Information Technician (RHIT) credentialed coders in Eastern North Carolina. Graduates of the Health Information Technology (HIT) program are eligible for <i>entry-level</i> coding positions in both acute and ambulatory care. Students interested in pursuing <i>advanced</i> medical coding education and credentials have been required to seek training online via the American Health Information Management Association (AHIMA), local workshops, self-guided study and on the job training. East Carolina University (ECU) previously offered a baccalaureate degree in Health Information Management and was another source of credentialed coders for the area. In 2013, ECU transitioned to a master's level program and focused more on informatics and less on the practical application of codes. The termination of the baccalaureate program created a educational gap in NC.</li> <li>An aging population will require more medical services, and health information technicians will be needed to organize and manage the older generations' health information data. Moreover, the number of individuals who have access to health insurance is expected to continue to increase because of federal health insurance reform. (U.S. Department of Labor, 2016).</li> <li>According to the American Health Information Management Association (AHIMA), the job demand for coders has increased for all levels of education and credentialing. Approximately 12,000-50,000 new jobs are anticipated by 2017 (AHIMA, 2016).</li> <li>According to the American Health Information Management Association (AHIMA), the job demand for coders has increased for all levels of education and credentialing. Approximately 12,000-50,000 new jobs are anticipated by 2017 (AHIMA, 2016).</li> <li>According to the Department of Labor, the Health Information Technologists and especially the coding professional continues to be ranked among the fastest growing professions in the United States. The profession continues to see a fifteen percent projection increase.</li> </ul>

Appendix A: Traditional Curriculum Program Approvals by Community College (State Board of Community Colleges Approval Date and Rationale for Approval)		
Community College (CC)	Curriculum Title, Code & SBCC Approval Date	Rationale for Approval (Provided by Community College)
Pitt CC	<p>Advanced Medical Coding (C45530)*</p> <p><i>Continued</i></p> <p>October 21, 2016</p>	<ul style="list-style-type: none"> <li>Passing the Certified Coding Specialist (CCS) exam for both the Certified Coding Specialist-Physician-Based (CCS-P) and/or CCS credential represents high-level achievement and proficiency in inpatient and outpatient coding. An article in <i>The Journal of AHIMA</i> notes the benefit of certification includes: a potential growth opportunity as a coder, possible salary increases, and heightened employer confidence in skills and knowledge (Horn, 2015).</li> <li>In October 2015, when industry transitioned from ICD-9 to ICD-10 coding, the actual time spent coding records increased significantly for most medical record types. Previously, coders in ICD-9 could skim documentation in the medical record to ensure what the physician documented matched the operative report. Now with ICD-10-Procedure Coding System (PCS), the record must be read in detail in order to capture every aspect of the surgical episode and its intent (Fitzgerald, 2016).</li> <li>PCC assessed student interest by surveying graduates of their HIT Program. Thirty-seven out of 87 graduates responded to the survey. Ninety-seven percent of the respondents expressed interest in the program.</li> <li>PCC assessed local employer's current and future needs related to the program. Nine out of twenty-three employers/personnel responded. All responded that Pitt County (eastern NC) needs an Advanced Medical Coding Program.</li> <li>Letters of support for the program were submitted to PCC by the Managers/Directors of Physician East, PA., Vidant SurgiCenter, and Vidant Health.</li> </ul>
Richmond CC	<p>Nonprofit Leadership and Management (A25410)</p> <p>April 15, 2016</p>	<ul style="list-style-type: none"> <li>There are 82 registered 501-C(3) organizations within the service area of RCC. Currently, more than ten percent of individuals employed in the service area are employed by nonprofit organizations. Collectively, these nonprofits contribute almost \$200 million to the service area economy (2015, NC Center for Nonprofits).</li> <li>RCC conducted surveys among a sampling of registered nonprofit organizations in the service area. The survey results indicated support for the proposed Nonprofit Leadership and Management program. Furthermore, nine local nonprofit organizations stated in their survey response that they would consider hiring future Nonprofit Leadership and Management graduates.</li> <li>A surveys of 240 students was conducted among currently enrolled RCC students, as well as students from the local high schools. Twenty-one students showed interest in enrolling in the proposed program or taking courses related to the program.</li> <li>According to the North Carolina Secretary of State's website, there are 343 registered nonprofits located in Scotland County, and 488 in Richmond County, North Carolina.</li> </ul>

<b>Appendix A: Traditional Curriculum Program Approvals by Community College (State Board of Community Colleges Approval Date and Rationale for Approval)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; SBCC Approval Date</b>	<b>Rationale for Approval (Provided by Community College)</b>
Richmond CC	<p>Nonprofit Leadership and Management (A25410)</p> <p><i>Continued</i></p> <p>April 15, 2016</p>	<ul style="list-style-type: none"> <li>There are more than 367,000 individuals employed by nonprofit organizations in North Carolina. About 2,500 of those individuals are employed by nonprofit organizations in the RCC service area. The average wage of a nonprofit employee within the Richmond Community College service area is \$34,273 per year. (2015, NC Center for Nonprofits).</li> <li>According to the 2015 NC Center for Nonprofits Report, Nonprofit organizations in North Carolina are struggling to respond to skyrocketing needs. Seventy-eight percent of NC nonprofit organizations saw more demand for their services in 2014, but only forty percent were able to meet the demands. The proposed program will help prepare graduates to better assist the nonprofit organizations in RCC service area in managing their resources and finding ways to generate more funds.</li> <li>Letters of support for the program were submitted to RCC by Scotland Community Health Clinic and Rainbow 66 Storehouse, Inc. Both organizations are nonprofit based businesses located in the service area of RCC.</li> </ul>
Sampson CC	<p>Emergency Management (A55460)</p> <p>March 18, 2016</p>	<ul style="list-style-type: none"> <li>Sampson Community College offers coursework in fire and emergency medical services through occupational extension. The College reported 5,491 students enrolled in Fire and Technical Rescue courses between 2012 and 2014, and they reported 4,200 students enrolled in emergency medical services classes during the same time period.</li> <li>The service area includes a number of potential students who have completed certification in fire suppression, fire inspections, incident management, aerial operations, technical rescue, and hazmat who would be interested in completing an Associate Degree in Emergency Management.</li> <li>Thirty-eight Fire and Technical Rescue Services staff and 108 Emergency Medical Services staff in Sampson and surrounding counties need access to credit coursework to support career advancement.</li> <li>Resolutions of support for the Emergency Management program were submitted to the College by the Clinton City Council and the Board of Commissioners for Sampson County.</li> <li>Letters of support for the program were submitted to Sampson Community College by Sampson County Emergency Management Services, Spivey's Corner Volunteer Fire and Rescue, Harrells Volunteer Fire Department, Inc., Smithfield Foods, Clement Volunteer Fire Department, Inc., Vann Crossroads Fire Department, Newton Grove Fire and Rescue, Turkey Volunteer Fire Department, Sampson County Dive Team, Suttontown EMS, and Taylors Bridge Fire Department.</li> <li>"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." (Bureau of Labor Statistics, U.S. Department of Labor)</li> </ul>



<b>Appendix A: Traditional Curriculum Program Approvals by Community College (State Board of Community Colleges Approval Date and Rationale for Approval)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; SBCC Approval Date</b>	<b>Rationale for Approval (Provided by Community College)</b>
Sampson CC	<p>Emergency Management (A55460)</p> <p><i>Continued</i></p> <p>March 18, 2016</p>	<ul style="list-style-type: none"> <li>Sampson Community College plans to offer courses to local high school students through Career and College Promise. Both the Clinton City and Sampson County schools have requested the College to provide EMS and Fire programs. The Emergency Management curriculum would provide these students with a foundation of technical and professional knowledge needed for emergency services delivery.</li> <li>Sampson Community College offers coursework in emergency medical services through occupational extension. The College reported 4,200 students enrolled in emergency medical services classes between 2012 and 2014.</li> <li>One hundred and eight Emergency Medical Services staff and eighty-five volunteers in Sampson and surrounding counties need access to credit coursework to support career advancement.</li> <li>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). The state is projected to have a similar increase of 22% or 480 job openings on an annual basis."</li> <li>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). The state is projected to have a similar increase of 22% or 480 job openings on an annual basis."</li> <li>Letters of support for the program were submitted to Sampson Community College by Sampson County Emergency Management Services, Vann Crossroads Fire Department, Harrells Volunteer Fire Department, Inc., Smithfield Foods, Clement Volunteer Fire Department, Inc., Newton Grove Fire and Rescue, Spivey's Corner Volunteer Fire and Rescue, Turkey Volunteer Fire Department, Sampson County Dive Team, Suttontown EMS, and Taylors Bridge Fire Department.</li> <li>Sampson Community College plans to offer courses to local high school students through Career and College Promise. Both the Clinton City and Sampson County schools have requested the College to provide EMS training.</li> </ul>
Sampson CC	<p>Emergency Medical Science (A4540)</p> <p>March 18, 2016</p>	<ul style="list-style-type: none"> <li>Sampson Community College offers coursework in emergency medical services through occupational extension. The College reported 4,200 students enrolled in emergency medical services classes between 2012 and 2014.</li> <li>One hundred and eight Emergency Medical Services staff and 85 volunteers in Sampson and surrounding counties need access to credit coursework to support career advancement.</li> <li>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). The state is projected to have a similar increase of 22% or 480 job openings on an annual basis."</li> </ul>

<b>Appendix A: Traditional Curriculum Program Approvals by Community College (State Board of Community Colleges Approval Date and Rationale for Approval)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; SBCC Approval Date</b>	<b>Rationale for Approval (Provided by Community College)</b>
Sampson CC	Emergency Medical Science (A4540)  <i>Continued</i>  March 18, 2016	<ul style="list-style-type: none"> <li>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). The state is projected to have a similar increase of 22% or 480 job openings on an annual basis.”</li> <li>Letters of support for the program were submitted to Sampson Community College by Sampson County Emergency Management Services, Vann Crossroads Fire Department, Harrells Volunteer Fire Department, Inc., Smithfield Foods, Clement Volunteer Fire Department, Inc., Newton Grove Fire and Rescue, Spivey’s Corner Volunteer Fire and Rescue, Turkey Volunteer Fire Department, Sampson County Dive Team, Suttontown EMS, and Taylors Bridge Fire Department.</li> <li>Sampson Community College plans to offer courses to local high school students through Career and College Promise. Both the Clinton City and Sampson County schools have requested the College to provide EMS training.</li> </ul>
Sampson CC	Medical Assisting (A45400)  March 18, 2016	<ul style="list-style-type: none"> <li>According to the U.S. Bureau of Labor Statistics, <i>employment for medical assistants is expected to grow by twenty-nine percent from 2012-2022. A major contributing factor to the growth is the implementation of the Affordable Care Act and impending medical coverage to several million previously uninsured individuals. Health care practitioners will have to hire more medical assistants to perform routine administrative and clinical duties so practitioners can see more patients.</i></li> <li>In 2013, the Centers for Medicare and Medicaid Services (CMS) determined “credentialed medical assistants” and licensed health care professionals are eligible to enter orders into the computerized provider order entry system. CMS has determined that credentialing of medical assistants must be obtained from an organization other than the employing organization.</li> <li>Sampson Community College plans to offer courses to local high school students through Career and College Promise. Both the Clinton City and Sampson County schools have requested that the College provide EMS training.</li> <li>Sampson Community College completed a student interest survey at five public high schools and one private school that identified 200 out of 477 (55.8%) students that would enroll in a Medical Assisting Career and College Promise pathway. In addition, the College emailed an online survey to currently enrolled students, where 34% of the 106 respondents indicated they were interested in enrolling in the program if approved.</li> <li>Clinton Medical Clinic, Inc, Imaging Manager noted <i>Medical Assistants have become an emerging presence in allied health for medical offices, hospitals and industrial medicine. They also provide an integrated approach to the development of skills that we need in primary care.</i></li> <li>Letters of support for the program were submitted to Sampson Community College by Goshen Medical Center, Inc., Smithfield Foods, Sessoms Medical Associates, PLLC, Clinton City Schools, and Sampson County Schools.</li> </ul>

<b>Appendix A: Traditional Curriculum Program Approvals by Community College (State Board of Community Colleges Approval Date and Rationale for Approval)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; SBCC Approval Date</b>	<b>Rationale for Approval (Provided by Community College)</b>
Tri-County CC	Associate in Engineering (A10500)  January 15, 2016	<ul style="list-style-type: none"> <li>The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college.</li> <li>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.</li> <li>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.</li> </ul>
Vance-Granville CC	Histotechnology (A45370)  February 19, 2016	<ul style="list-style-type: none"> <li>According to the U.S. Bureau of Labor and Statistics data, the job outlook for the employment of medical laboratory technologists and technicians is projected to grow 22% from 2012-2022.</li> <li>An increase in the aging population will lead to a greater need to diagnose medical conditions, such as cancer or type 2 diabetes, through laboratory procedures. Federal health legislation will increase the number of patients who have access to health insurance, increasing patient access to medical care. As a result, the demand for the services of laboratory personnel is expected to grow.</li> <li>The median annual wage for medical laboratory technologists in May 2012 was \$57,580.</li> <li>The overall job outlook for Histotechnologists or Histologic Technician careers have been positive since 2004. Demand for Histotechnologists and Histologic Technicians is expected to go up, with an expected 28,570 new jobs filled by 2018. This represents an annual increase of 2.17% over the next few years.</li> <li>Area hospitals and laboratories have expressed an urgent need for education in conjunction with laboratory exposure in order to hire qualified Histotechnologists.</li> <li>Letters of support for the program were submitted to VGCC by the Granville County Chamber of Commerce, Granville County Board of Commissioners, Granville Health System, Provia Diagnostics, Pathology Associates (PAI), Experimental Pathology Laboratories RTP, NCSU CVM Histopathology Lab, Rollins Animal Disease and Diagnostic Laboratory and the president of the North Carolina State Histology Society.</li> </ul>
Wake Technical CC	Mission Critical Operations (A40430)  July 15, 2016	<ul style="list-style-type: none"> <li>WTCC participated in a consortium of colleges that were awarded \$23.2 million in grant funds by the US Department of Labor (DOL) for developing curriculum and content matter in support of education and training for a critical infrastructure work force. The US 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.</li> </ul>

Appendix A: Traditional Curriculum Program Approvals by Community College (State Board of Community Colleges Approval Date and Rationale for Approval)		
Community College (CC)	Curriculum Title, Code & SBCC Approval Date	Rationale for Approval (Provided by Community College)
Wake Technical CC	<p>Mission Critical Operations (A40430)</p> <p><i>Continued</i></p> <p>July 15, 2016</p>	<ul style="list-style-type: none"> <li>According to Network Security Services (NSS) Labs, a renowned national leader within the information technology security industry, the federal government employs approximately 273,000 critical infrastructure workers. This number is expected to increase to the expanding use of the Internet of Things (IoT) along with the growing challenge of threats, thereby resulting in additional employment within broad industries.</li> <li>Two regional employer surveys were completed involving 147 companies. Fifty percent of the companies expected to hire, on average, at least six employees within a six month period. A total of 699 positions were expected to be available.</li> <li>WTCC surveyed currently enrolled students and local industry to determine interest and 30 responded that they were interested in enrolling in the MCO program.</li> <li>Consortium members are Nash CC, Wake TCC, Moultrie Technical College (Ga.) and The University of North Carolina at Charlotte. Industry partners in the project include ISA, the Automation Federation, 7x24 Exchange Carolinas, and numerous local employers.</li> </ul>
Wayne CC	<p>Associate in Engineering (A10500)</p> <p>March 18, 2016</p>	<ul style="list-style-type: none"> <li>The program will enhance the workforce of North Carolina, and will provide educational and training opportunities consistent with the mission of the college.</li> <li>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.</li> <li>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.</li> </ul>

<b>Appendix A: Traditional Curriculum Program Approvals by Community College (State Board of Community Colleges Approval Date and Rationale for Approval)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; SBCC Approval Date</b>	<b>Rationale for Approval (Provided by Community College)</b>
Western Piedmont CC	Mechatronics Engineering Technology (A40350)  January 15, 2016	<ul style="list-style-type: none"> <li>• There are over 30 diverse manufacturers within the college's service area specializing in textiles, furniture, chemicals, aerospace, heavy truck, automotive, food processing and consumer electronics, with approximately 25 positions available for skilled mechatronics technicians.</li> <li>• The Burke Manufacturers Executive Council expressed the need to develop a mechatronics program supportive of modern manufacturing skills.</li> <li>• The college has provided mechatronics training to over 90 workers in these industries over the past two years, yet companies require a more comprehensive training program containing additional automation competencies for their workforce to stay current with advanced manufacturing industry trends.</li> <li>• Burke County Public Schools is in support of the mechatronics program. The college is currently delivering a mechatronics certificate program under Industrial Systems Technology to 38 students in four Burke County high schools. Based on the success of this program, they plan on expanding the program beyond the certificate level.</li> <li>• Automotive parts manufacturer, Continental Teves, has worked with the college to establish six \$3,500 mechatronics scholarships.</li> <li>• The college has received letters of support from the Burke County Manager, Continental, Leviton, Caterpillar, Richelieu, Sypris Technologies, Valdese Weavers, Molded Fiberglass, and Burke County Schools.</li> <li>• The college was recently awarded a Duke Energy grant for \$185,000 to secure appropriate mechatronics training equipment as well as a \$750,000 from Golden Leaf to fund a building expansion project for the Mechatronics program.</li> </ul>

*\*New to the System Program*

<b>Appendix B: Special Curriculum Programs by Month of Approval (Abbreviated Program Application Process)</b>	
<b>Community College</b>	<b>Curriculum Title and Code</b>
<b>February 2016</b>	
Gaston College	Cosmetology Instructor (Certificate) (C55160)
Gaston College	Esthetics Instructor (Certificate) (C55270)
<b>March 2016</b>	
Blue Ridge Community College	Associate in Fine Arts in Music (A10700)*
Blue Ridge Community College	Associate in Fine Arts in Theatre (A10800)*
Blue Ridge Community College	Associate in Fine Arts in Visual Arts (A10600)*
Caldwell CC and Technical Institute	Associate in Fine Arts in Music (A10700)*
Caldwell CC and Technical Institute	Associate in Fine Arts in Visual Arts (A10600)*
Cape Fear Community College	Associate in Fine Arts in Music (A10700)*
Cape Fear Community College	Associate in Fine Arts in Theatre (A10800)*
Cape Fear Community College	Associate in Fine Arts in Visual Arts (A10600)*
Catawba Valley CC	Associate in Fine Arts in Music (A10700)*
Catawba Valley CC	Associate in Fine Arts in Theatre (A10800)*
Catawba Valley CC	Associate in Fine Arts in Visual Arts (A10600)*
Central Piedmont CC	Associate in Fine Arts in Music (A10700)*
Central Piedmont CC	Associate in Fine Arts in Theatre (A10800)*
Central Piedmont CC	Associate in Fine Arts in Visual Arts (A10600)*
Cleveland Community College	Associate in Fine Arts in Visual Arts (A10600)*
College of The Albemarle	Associate in Fine Arts in Theatre (A10800)*
College of The Albemarle	Associate in Fine Arts in Visual Arts (A10600)*
Fayetteville Technical CC	Associate in Fine Arts in Music (A10700)*
Fayetteville Technical CC	Associate in Fine Arts in Theatre (A10800)*
Fayetteville Technical CC	Associate in Fine Arts in Visual Arts (A10600)*
Guilford Technical CC	Associate in Fine Arts in Music (A10700)*
Guilford Technical CC	Associate in Fine Arts in Theatre (A10800)*
Guilford Technical CC	Associate in Fine Arts in Visual Arts (A10600)*
Pitt Community College	Associate in Fine Arts in Music (A10700)*
Pitt Community College	Associate in Fine Arts in Theatre (A10800)*
Pitt Community College	Associate in Fine Arts in Visual Arts (A10600)*
Roanoke-Chowan CC	Associate in Fine Arts in Music (A10700)*
Roanoke-Chowan CC	Associate in Fine Arts in Visual Arts (A10600)*
Rockingham Community College	Associate in Fine Arts in Visual Arts (A10600)*
Rowan-Cabarrus CC	Associate in Fine Arts in Visual Arts (A10600)*
South Piedmont CC	Associate in Fine Arts in Visual Arts (A10600)*
Southwestern Community College	Associate in Fine Arts in Visual Arts (A10600)*
Surry Community College	Associate in Fine Arts in Visual Arts (A10600)*
Wake Technical CC	Associate in Fine Arts in Visual Arts (A10600)*
Western Piedmont CC	Associate in Fine Arts in Theatre (A10800)*
Western Piedmont CC	Associate in Fine Arts in Visual Arts (A10600)*

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

<b>Community College</b>	<b>Curriculum Title and Code</b>
<b><i>April 2016</i></b>	
Asheville-Buncombe CC	Associate in Fine Arts in Visual Arts (A10600)*
Carteret Community College	Associate in Fine Arts in Visual Arts (A10600)*
Coastal Carolina CC	Associate in Fine Arts in Music (A10700)*
Coastal Carolina CC	Associate in Fine Arts in Theatre (A10800)*
Coastal Carolina CC	Associate in Fine Arts in Visual Arts (A10600)*
Durham Technical CC	Associate in Fine Arts in Visual Arts (A10600)*
Mitchell Community College	Associate in Fine Arts in Visual Arts (A10600)*
Richmond Community College	School-Age Care (Certificate) (C55450)
Sandhills Community College	Associate in Fine Arts in Music (A10700)*
Sandhills Community College	Associate in Fine Arts in Visual Arts (A10600)*
Surry Community College	Supply Chain Management (A25620)
Tri-County Community College	Associate in Fine Arts in Visual Arts (A10600)*
<b><i>May 2016</i></b>	
Central Carolina CC	Manicuring/Nail Technology (Certificate) (C55400)
Mitchell Community College	Associate in Fine Arts in Music (A10700)*
<b><i>June 2016</i></b>	
Forsyth Technical CC	Associate in Fine Arts in Theatre (A10800)*
Forsyth Technical CC	Associate in Fine Arts in Visual Arts (A10600)*
<b><i>July 2016</i></b>	
College of The Albemarle	Supply Chain Management (A25260)
Edgecombe Community College	Welding Technology (A50420)
<b><i>August 2016</i></b>	
Montgomery Community College	Medical Office Administration (A25310)
Randolph Community College	Human Services Technology/Substance Abuse (A4538E)
Richmond Community College	Human Services Technology/Social Services (A4538D)
Richmond Community College	Human Services Technology/Substance Abuse (A4538E)
<b><i>September 2016</i></b>	
Montgomery Community College	Nurse Aide (Diploma) (D45970)**
Montgomery Community College	Phlebotomy (Diploma) (D45950)**
Nash Community College	Nurse Aide (Diploma) (D45970)**
Sampson Community College	Emergency Medical Science (Diploma) (D45910)**
Sampson Community College	Medical Assisting (Diploma) (D45920)**
Sampson Community College	Nurse Aide (Diploma) (D45970)**
<b><i>October 2016</i></b>	
Halifax Community College	Human Services Technology/Social Services (A4538D)
<b><i>November 2016</i></b>	
Isothermal Community College	Associate in Fine Arts in Music (A10700)*
Montgomery Community College	Associate in Fine Arts in Music (A10700)*
Sampson Community College	Lateral Entry (Certificate) (C55430)

<b>Appendix B: Special Curriculum Programs by Month of Approval (Abbreviated Program Application Process)</b>	
<b>Community College</b>	<b>Curriculum Title and Code</b>
<b>December 2016</b>	
Craven Community College	Associate in Fine Arts in Music (A10700)*
Craven Community College	Associate in Fine Arts in Visual Arts (A10600)*
Vance-Granville Community College	Associate in Fine Arts in Visual Arts (A10600)*

*\*Represents new-to-the-system programs. In February of 2016, three discipline specific (Visual Arts, Music and Theatre) Associate in Fine Art degrees were approved by the State Board of Community Colleges.*

*\*\*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.*



<b>Appendix C: Instructional Service Agreements (Level III) By Month of Approval</b>		
<b>Curriculum Title and Code</b>	<b>Host College</b>	<b>Participating College</b>
<b><i>August 2016</i></b>		
Fire Protection Technology (A55240)	Catawba Valley CC	Rockingham 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.*

<b>Appendix D: Curriculum Program Terminations by Community College (Date of Information to the State Board of Community Colleges and College Rationale for Termination)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; Information Date</b>	<b>College Rationale for Termination</b>
Alamance CC	Cosmetology Instructor (Certificate) (C55160)  July 15, 2016	No enrollment: The college added the Esthetics Certificate and the Manicuring Certificate and plan to put their resources into those programs.
Asheville-Buncombe Technical CC	Healthcare Business Informatics (A25510)  September 16, 2016	Low Enrollment: There was a lack of student interest in the program. Medical facilities in the college's service area prefer employees who have experience working in a medical facility, which most students in this program do not have.
Beaufort County CC	Health and Fitness Science (A45630)  January 15, 2016	Low Enrollment: There was limited student interest due to insufficient employment opportunities for graduates of the program within the college's service area.
Catawba Valley CC	Esthetics Technology (Certificate) (C55230)  March 18, 2016	No enrollment for two or more years: Students have been enrolling in other related programs at the college.
Catawba Valley CC	Furniture Production Technology (A50180)  March 18, 2016	No enrollment for two or more years: The program was no longer sustainable due to a severe downturn in the furniture industry. The college is able to provide the instruction through continuing education.
Catawba Valley CC	Furniture Production Technology/Design and Product Development (A5018A)  March 18, 2016	No enrollment for two or more years: The program was no longer sustainable due to a severe downturn in the furniture industry.
Catawba Valley CC	Industrial Engineering Technology (A40240)  March 18, 2016	No enrollment for two or more years: There was limited student interest due to insufficient employment opportunities for graduates of the program within the college's service area. The Mechatronics Engineering Technology program was added in 2015 because is better suited for local industry needs and has better prospects for employment.
Catawba Valley CC	Real Estate (A25400)  March 18, 2016	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 through continuing education if there is a need for it in the future.

<b>Appendix D: Curriculum Program Terminations by Community College (Date of Information to the State Board of Community Colleges and College Rationale for Termination)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; Information Date</b>	<b>College Rationale for Termination</b>
Catawba Valley CC	Real Estate Appraisal (A25420)  March 18, 2016	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 through continuing education if there is a need for it in the future.
Catawba Valley CC	Real Estate Licensing (Certificate) (C25480)  March 18, 2016	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 through continuing education if there is a need for it in the future.
Catawba Valley CC	School-Age Education (A55440)  March 18, 2016	No enrollment for two or more years: Courses offered in other programs of study at the college meet the needs of students.
Catawba Valley CC	Truck Driver Training (Certificate) (C60300)  March 18, 2016	No enrollment for two or more years: The College signed a continuing education service area agreement with Caldwell Community College and Technical Institute (CCC & TI) to offer non-credit truck driver training. Catawba Valley CC provides the facility and CCC & TI provides instruction and equipment.
Central Piedmont CC	Manufacturing Technology (A50320)  August 19, 2016	The College has replaced the program with the Mechatronics Engineering Technology program which places emphasis on competencies that align to employment skillsets in modern manufacturing facilities.
Davidson County CC	Digital Media Technology (A25210)  November 18, 2016	No Enrollment for two or more years: The program content has been consolidated into the Computer Technology Integration (A25500) program.
Davidson County CC	Entrepreneurship (A25490)  November 18, 2016	No enrollment: There was insufficient student interest in the full degree. The program content was consolidated into the Business Administration (A25120) program and the Small Business Center.
Davidson County CC	School-Age Education (A55440)  October 21, 2016	There has been a decline in the demand for teacher assistant positions. This is no longer an effective career pathway for employment in the college's service area.

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<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; Information Date</b>	<b>College Rationale for Termination</b>
Davidson County CC	Sustainability Technologies (A40370)  November 18, 2016	No enrollment. There was a lack of student interest in the program. Sustainability concepts are included in the heating and air conditioning program and the college is considering adding continuing education construction courses that could include appropriate competencies.
Durham Technical CC	Collision Repair and Refinishing Technology (A60130)  January 15, 2016	No enrollment for two or more years: The college never implemented the program due to limited space.
Johnston CC	Associate in Fine Arts (A10200)  January 15, 2016	No enrollment for two or more years: The revisions made to the Associate in Arts (AA) degree in 2014 made the Associate in Arts program a more appropriate choice for the college's students.
Johnston CC	Culinary Arts (A55150)  January 15, 2016	No enrollment for two or more years: The program was terminated due to low student enrollment and high costs.
Johnston CC	Esthetics Instructor (Certificate) (C55270)  January 15, 2016	No enrollment for two or more years: The program was never activated due to low enrollment in the Esthetics program itself.
Johnston CC	Interventional Cardiac and Vascular Technology (A45410)  January 15, 2016	No enrollment for two or more years: Student interest was insufficient to sustain the high cost program. The college is able to provide the instruction through continuing education.
Mitchell CC	Lateral Entry (Certificate) (C55430)  July 15, 2016	Low Enrollment: Students needing lateral entry courses generally need 1-3 courses to meet the teacher certification requirements for the state. Therefore, they do not need all the courses in the certificate and do not enroll in the program. These students take the courses they need - often as special credit students.
Montgomery CC	Collision Repair and Refinishing Technology (A60130)  January 15, 2016	No enrollment for two or more years: Facility upgrades required to provide current instruction became too cost prohibitive.
Montgomery CC	General Occupational Technology (A55280)  January 15, 2016	No enrollment for two or more years: Students are now enrolled in the Associate in Arts or Associate in Science programs.

<b>Appendix D: Curriculum Program Terminations by Community College (Date of Information to the State Board of Community Colleges and College Rationale for Termination)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; Information Date</b>	<b>College Rationale for Termination</b>
Montgomery CC	School-Age Care (Certificate) (C55450)  January 15, 2016	No enrollment for two or more years: Students are enrolled in other programs including Early Childhood Education (A55220), Infant and Toddler Certificate (C55290), and Lateral Entry Certificate (C55430).
Robeson CC	Carpentry (Diploma) (D35180)  March 18, 2016	No enrollment for two or more years: The college discontinued the campus program several years ago, offering it only at the Lumberton Correctional Institution. When captive program funding changes occurred in 2011, the college determined it could no longer support the program. There is no available space on campus to support the program.
Robeson CC	Esthetics Technology (Certificate) (C55230)  March 18, 2016	No enrollment for two or more years: The program was never implemented due to space limitations.
Robeson CC	Manicuring/Nail Technology (Certificate) (C55400)  March 18, 2016	No enrollment for two or more years: The program was never implemented due to space limitations.
Southwestern CC	Building Construction Technology (A35140)  January 15, 2016	No enrollment for two or more years: The college experienced a decline in enrollment in the program due to the economic downturn.
Southwestern CC	Cosmetology Instructor (Certificate) (C55160)  January 15, 2016	No enrollment for two or more years: There was a lack of student interest in the program has been due to limited employment opportunities in the college's service area.
Southwestern CC	Criminal Justice Technology/Latent Evidence (A5518A)  January 15, 2016	No enrollment: There was a lack of student interest based on limited job prospects for graduates.
Southwestern CC	Esthetics Technology (Certificate) (C55230)  January 15, 2016	No enrollment for two or more years: Students are enrolled in the college's Cosmetology program, which includes an esthetics component.
Southwestern CC	Gaming Management (A25250)  January 15, 2016	No Enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The program content was consolidated into continuing education.

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<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; Information Date</b>	<b>College Rationale for Termination</b>
Southwestern CC	General Occupational Technology (A55280)  January 15, 2016	No enrollment for two or more years: This program was historically used for pre-health science students completing admission requirements for selective health science programs. Those students have been transitioned to the Therapeutic and Diagnostic diploma programs.
Southwestern CC	Hospitality Management (A25110)  January 15, 2016	No enrollment for two or more years: Local employers indicated that a short-term occupational certificate through continuing education is sufficient.
Southwestern CC	Manicuring Instructor (Certificate) (C55380)  January 15, 2016	No enrollment for two or more years: Lack of student interest in the program has been due to limited employment opportunities in the college's service area.
Southwestern CC	Masonry (Diploma) (D35280)  January 15, 2016	No enrollment for two or more years: The college experienced a decline in enrollment in the program due to the economic downturn.
Southwestern CC	Medical Transcription (Diploma) (D25320)  January 15, 2016	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 Medical Office Administration (A25310) program.
Southwestern CC	Office Administration/Legal (A2537A)  January 15, 2016	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 Office Administration (A25370) program.
Southwestern CC	Office Administration/Virtual Office Assistance (A2537B)  January 15, 2016	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 Office Administration (A25370) program.
Southwestern CC	Plumbing (Diploma) (D35300)  January 15, 2016	No enrollment for two or more years: The college experienced a decline in enrollment due to the economic downturn.
Southwestern CC	Real Estate (A25400)  January 15, 2016	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 through continuing education if there is a need for it in the future.

<b>Appendix D: Curriculum Program Terminations by Community College (Date of Information to the State Board of Community Colleges and College Rationale for Termination)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; Information Date</b>	<b>College Rationale for Termination</b>
Southwestern CC	Real Estate Licensing (Certificate) (C25480)  January 15, 2016	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 through continuing education if there is a need for it in the future.
Stanly CC	Cardiovascular/Vascular Interventional Technology (Diploma) (D45140)  March 18, 2016	No enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The college may offer instruction through continuing education if there is a need for it in the future.
Stanly CC	Esthetics Instructor (Certificate) (C55270)  March 18, 2016	No enrollment for two or more years: Enrollment declined due to a change in the local job market and market saturation.
Stanly CC	General Occupational Technology (A55280)  March 18, 2016	No enrollment for two or more years: Students are choosing to enroll in the Associate in General Education (A10300) program.
Tri-County CC	Building Construction Technology (A35140)  January 15, 2016	No enrollment for two or more years: The program was no longer sustainable due to a severe downturn in the local building industry.
Tri-County CC	Esthetics Instructor (Certificate) (C55270)  January 15, 2016	No enrollment for two or more years: Lack of student interest in the program due to limited employment opportunities in the college's service area.
Tri-County CC	Healthcare Management Technology (A25200)  January 15, 2016	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 Office Administration (A25370) and Medical Office Administration (A25310) programs.
Tri-County CC	Networking Technology (A25340)  January 15, 2016	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.
Tri-County CC	Real Estate Licensing (Certificate) (C25480)  January 15, 2016	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 through continuing education if there is a need for it in the future.

<b>Appendix D: Curriculum Program Terminations by Community College (Date of Information to the State Board of Community Colleges and College Rationale for Termination)</b>		
<b>Community College (CC)</b>	<b>Curriculum Title, Code &amp; Information Date</b>	<b>College Rationale for Termination</b>
Vance-Granville CC	Industrial Systems Technology (A50240)  April 15, 2016	Low enrollment: There was a lack of demand for the program due to the economic downturn and lack of student interest. The college now offers a mechatronics program that better suits industry needs.
Vance-Granville CC	Sustainability Technologies (A40370)  September 16, 2016	Low enrollment: There was a lack of student interest in the program. The college is considering adding the competencies of the sustainability program into construction management or another construction-specific program.
Wayne CC	School-Age Education (A55440)  March 18, 2016	Low enrollment: The current labor market in NC has been eliminating teacher assistants over the past few years.
Wilson CC	Alternative Transportation Technology (Diploma) (D60420)  January 15, 2016	No enrollment: The college anticipated a need to offer the program but did not have sufficient demand.
Wilson CC	Lateral Entry (Certificate) (C55430)  January 15, 2016	No enrollment for two or more years: Students needing lateral entry courses generally need one through three courses to meet the teacher certification requirements for the state. Therefore, they do not need all the courses in the certificate and do not enroll in the program. These students take the courses they need as special credit students.
Wilson CC	Manufacturing Technology (A50320)  January 15, 2016	No enrollment for two or more years: There has been no demand for the program due to the economic downturn.
Wilson CC	School-Age Care (Certificate) (C55450)  January 15, 2016	No enrollment for two or more years: Students are not enrolling in the certificate due to the reduction in available teacher assistant positions.
Wilson CC	Associate in General Education (A10300)  April 15, 2016	There have not been many completers for this program. The college believes that students will be better served in the Associate in Science (A10400) program.
Wilson CC	General Occupational Technology (A55280)  April 15, 2016	No enrollment: Students are now choosing more definitive programs to enhance placement opportunities.



**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)
- Entrepreneurship (A25490)
- Supply Chain Management (A25620)
- Industrial Systems Technology (A50240)
- Infant/Toddler Care (Certificate)(C55290)
- Information Technology (A25590)
- Lateral Entry (Certificate)(C55430)
- Medical Office Administration (A25310)
- School-Age Care (Certificate)(C55450)
- Sustainability Technologies (A40370)
- 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 Tech. (Certificate)(C55400)

**The following curriculums have been approved by the State Board of Community College for the Special Application process, but requires that the college have prior approval for the Early Childhood Education (A55220) program: *(Pending State Board approval)***

- Early Childhood Administration (Certificate)(C55850)
- Early Childhood Preschool (Certificate)(C55860)

**The following curriculum has been approved by the State Board of Community Colleges for the Special Application process, but requires that the college have prior approval for the 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)

## **Appendix E: (Continued)**

**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)

**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 the Associate in Fine Arts (A10200) program:**

- Associate in Fine Arts in Music (A10700)
- Associate in Fine Arts in Theatre (A10800)
- Associate in Fine Arts in Visual Arts (A10600)

**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.**

**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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