



# **North Carolina Community College System**

## **Curriculum Program Approvals and Terminations January - December 2017**

Mr. Scott Shook, Chair  
State Board of Community Colleges

Ms. Jennifer Haygood  
Acting President

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



## Table of Contents

<b>Executive Summary</b> .....	3-4
--------------------------------	-----

### **Curriculum Program Approvals and Terminations**

Curriculum Program Approvals by Type.....	6
Traditional Curriculum Program Approvals by Community College.....	7-8
Special Curriculum Program Approvals by Community College.....	9-12
Curriculum Program Terminations by Community College .....	13-16

### **Appendices**

Appendix A: Traditional Curriculum Program Approvals by Approval Date .....	18-41
Appendix B: Special Curriculum Programs by Month of Approval .....	42-44
Appendix C: Instructional Service Agreements (Level III) by Month of Approval .....	45
Appendix D: Curriculum Program Terminations by Date of Information.....	46-58
Appendix E: Curriculum Program Titles Eligible for the Special Curriculum Program Application Process .....	59-60
Appendix F: Contact Information .....	61

## 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 2017 through December 2017, a total of **133** curriculum programs were approved and/or reported to the State Board of Community Colleges. Of the **111** approved programs, **93** programs were existing curriculum program titles, **38** programs were under **four** New-to-the-System program titles, and **2** were Level III Instructional Service Agreements.

### The New to the System programs are:

- Agriculture Education (A15330)  
(One college received approval for this new program.)
- Associate in General Education—Nursing (A1030N)  
(Thirty-five colleges received approval for this new program.)
- Healthcare Simulation Technology (A45xxx)  
(One college received approval for this new program.)
- Ophthalmic Surgical Assistant (Certificate) (C45880)  
(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 2017 through December 2017, the North Carolina Community College System received program termination requests from **43** colleges. The colleges requested termination of one or more of their curriculum programs resulting in the termination of **99** 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 program titles and all existing program titles that have not been identified as eligible for the abbreviated process.

New-to-the-System Curriculum Program Title Applications .....	3
Agriculture Education (A15330)	
Healthcare Simulation Technology (A45xxx)	
Ophthalmic Surgical Assistant (Certificate) (C45880)	
Existing Curriculum Program Title Applications .....	33

**Subtotal: 36**

### Special Curriculum Program Applications (Abbreviated Process)

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

New-to-the-System Special Curriculum Program Title Applications .....	35
Associate in General Education—Nursing (A1030N)	
(Thirty-five colleges received approval for this new program title)	
Special Curriculum Program Applications .....	60

**Subtotal: 95**

### Instructional Service Agreements (Level III)

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

Instructional Service Agreements (Level III) .....	2
--	---

**Subtotal: 2**

<b>Curriculum Program Approvals</b>	<b>Total: 133</b>
-------------------------------------	-------------------

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

<b>Alamance Community College</b> .....	<b>1</b>
Computer-Aided Drafting (A50150)	
<b>Brunswick Community College</b> .....	<b>1</b>
Criminal Justice Technology (A55180)	
<b>Cape Fear Community College</b> .....	<b>5</b>
Associate in Engineering (A10500)	
Business Analytics (A25350)	
Emergency Management (A55460)	
Human Services Technology/Substance Abuse (A4538E)	
Medical Assisting (A45400)	
<b>Central Carolina Community College</b> .....	<b>1</b>
Medical Sonography (A45440)	
<b>Catawba Valley Community College</b> .....	<b>1</b>
Emergency Management (A55460)	
<b>Craven Community College</b> .....	<b>1</b>
Mechatronics Engineering Technology (A40350)	
<b>Durham Technical Community College</b> .....	<b>1</b>
Hospitality Management (A25110)	
<b>Edgecombe Community College</b> .....	<b>2</b>
Baking and Pastry Arts (A55130)	
Ophthalmic Medical Assisting (Diploma) (D45510)	
<b>Fayetteville Technical Community College</b> .....	<b>1</b>
Ophthalmic Surgical Assistant (Certificate) (C45880)*	
<b>Forsyth Technical Community College</b> .....	<b>1</b>
Health Information Technology (A45360)	
<b>Guilford Technical Community College</b> .....	<b>1</b>
Health Information Technology (A45360)	
<b>Isothermal Community College</b> .....	<b>1</b>
Associate in Engineering (A10500)	
<b>Lenoir Community College</b> .....	<b>1</b>
Emergency Management (A55460)	
<b>McDowell Technical Community College</b> .....	<b>1</b>
Landscape Gardening (A15260)	
<b>Mitchell Community College</b> .....	<b>1</b>
Agriculture Education (A15330)*	
<b>Montgomery Community College</b> .....	<b>1</b>
Associate Degree Nursing (A45110)	
<b>Nash Community College</b> .....	<b>3</b>
Broadcasting and Production Technology (A30120)	
Fire Protection Technology (A55240)	
Health and Fitness Science (A45630)	
<b>Pamlico Community College</b> .....	<b>1</b>
Dental Laboratory Technology (A45280)	
<b>Randolph Community College</b> .....	<b>1</b>
Manufacturing Technology (A50320)	



<b>Roanoke-Chowan Community College</b> .....	<b>1</b>
Mechatronics Engineering Technology (A40350)	
<b>Rowan-Cabarrus Community College</b> .....	<b>1</b>
Associate in Engineering (A10500)	
<b>Sandhills Community College</b> .....	<b>2</b>
Aviation Management and Career Pilot Technology (A60180)	
Fire Protection Technology (A55240)	
<b>Southeastern Community College</b> .....	<b>1</b>
Mechatronics Engineering Technology (A40350)	
<b>Surry Community College</b> .....	<b>1</b>
Health Information Technology (A45360)	
<b>Wake Technical Community College</b> .....	<b>2</b>
Facility Maintenance Technology (A50190)	
Healthcare Simulation Technology (A45xxx)*	
<b>Western Piedmont Community College</b> .....	<b>1</b>
Cosmetology (A55140)	
<b>Wilson Community College</b> .....	<b>1</b>
Biotechnology (A20100)	
 <b>Total</b> .....	 <b>36</b>

*\*New to the System Program*



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

<b>Alamance Community College.....</b>	<b>5</b>
Associate in Fine Arts in Music (A10700)	
Associate in Fine Arts in Visual Arts (A10600)	
Associate in General Education—Nursing (A1030N)*	
Early Childhood Administration (Certificate) (C55850)	
Early Childhood Preschool (Certificate) (C55860)	
<b>Beaufort County Community College .....</b>	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Bladen Community College .....</b>	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Blue Ridge Community College .....</b>	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Caldwell Community College and Technical Institute.....</b>	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Cape Fear Community College .....</b>	<b>3</b>
Associate in General Education—Nursing (A1030N)*	
Nurse Aide (Diploma) (D45970)**	
Phlebotomy (Diploma) (D45950)**	
<b>Carteret Community College.....</b>	<b>2</b>
Associate in General Education—Nursing (A1030N)*	
Welding Technology (A50420)	
<b>Catawba Valley Community College.....</b>	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Central Carolina Community College .....</b>	<b>4</b>
Associate in General Education—Nursing (A1030N)*	
Early Childhood Administration (Certificate) (C55850)	
Early Childhood Preschool (Certificate) (C55860)	
School-Age Care (Certificate) (C55450)	
<b>Central Piedmont Community College .....</b>	<b>2</b>
Early Childhood Administration (Certificate) (C55850)	
Early Childhood Preschool (Certificate) (C55860)	
<b>Cleveland Community College.....</b>	<b>1</b>
Early Childhood Preschool (Certificate) (C55860)	
<b>College of The Albemarle .....</b>	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Craven Community College .....</b>	<b>2</b>
Associate in General Education—Nursing (A1030N)*	
Industrial Systems Technology (A50240)	
<b>Davidson County Community College .....</b>	<b>3</b>
Associate in General Education—Nursing (A1030N)*	
Early Childhood Administration (Certificate) (C55850)	
Early Childhood Preschool (Certificate) (C55860)	
<b>Edgecombe Community College.....</b>	<b>2</b>

Associate in General Education—Nursing (A1030N)* Entrepreneurship (A25490)	
<b>Fayetteville Technical Community College</b> .....	<b>4</b>
Associate in General Education—Nursing (A1030N)* Early Childhood Administration (Certificate) (C55850) Early Childhood Preschool (Certificate) (C55860) Industrial Systems Technology (A50240)	
<b>Gaston College</b> .....	<b>2</b>
Associate in Fine Arts in Visual Arts (A10600) Associate in General Education—Nursing (A1030N)*	
<b>Guilford Technical Community College</b> .....	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Haywood Community College</b> .....	<b>2</b>
Early Childhood Administration (Certificate) (C55850) Early Childhood Preschool (Certificate) (C55860)	
<b>Isothermal Community College</b> .....	<b>3</b>
Associate in Fine Arts in Music (A10700) Early Childhood Administration (Certificate) (C55850) Early Childhood Preschool (Certificate) (C55860)	
<b>James Sprunt Community College</b> .....	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Johnston Community College</b> .....	<b>4</b>
Associate in General Education—Nursing (A1030N)* Early Childhood Administration (Certificate) (C55850) Early Childhood Preschool (Certificate) (C55860) Phlebotomy (Diploma) (D45950)**	
<b>Lenoir Community College</b> .....	<b>5</b>
Associate in Fine Arts in Music (A10700) Associate in Fine Arts in Visual Arts (A10600) Associate in General Education—Nursing (A1030N)* Early Childhood Preschool (Certificate) (C55860) Industrial Systems Technology (A50240)	
<b>Mayland Community College</b> .....	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>McDowell Technical Community College</b> .....	<b>3</b>
Associate in General Education—Nursing (A1030N)* Early Childhood Administration (Certificate) (C55850) Infant/Toddler Care (Certificate) (C55290)	
<b>Mitchell Community College</b> .....	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Nash Community College</b> .....	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Piedmont Community College</b> .....	<b>2</b>
Associate in Fine Arts in Visual Arts (A10600) Associate in General Education—Nursing (A1030N)*	
<b>Richmond Community College</b> .....	<b>3</b>

Associate in Fine Arts in Visual Arts (A10600)	
Early Childhood Administration (Certificate) (C55850)	
Early Childhood Preschool (Certificate) (C55860)	
<b>Roanoke-Chowan Community College .....</b>	<b>3</b>
Associate in General Education—Nursing (A1030N)*	
Emergency Medical Science (Diploma) (D45910)**	
Nurse Aide (Diploma) (D45970)**	
<b>Robeson Community College .....</b>	<b>5</b>
Associate in General Education—Nursing (A1030N)*	
Early Childhood Administration (Certificate) (C55850)	
Early Childhood Preschool (Certificate) (C55860)	
Infant/Toddler Care (Certificate) (C55290)	
School-Age Care (Certificate) (C55450)	
<b>Rockingham Community College .....</b>	<b>2</b>
Associate in General Education (AGE) (A10300)	
Associate in General Education—Nursing (A1030N)*	
<b>Rowan-Cabarrus Community College .....</b>	<b>3</b>
Emergency Medical Science (Diploma) (D45910)**	
Nurse Aide (Diploma) (D45970)**	
Therapeutic Massage (Diploma) (D45960)**	
<b>Sampson Community College.....</b>	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Sandhills Community College.....</b>	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>South Piedmont Community College.....</b>	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
<b>Southeastern Community College.....</b>	<b>3</b>
Associate in General Education—Nursing (A1030N)*	
Criminal Justice/Forensic Science (A5518C)	
Medical Office Administration (A25310)	
<b>Southwestern Community College.....</b>	<b>2</b>
Early Childhood Administration (Certificate) (C55850)	
Early Childhood Preschool (Certificate) (C55860)	
<b>Stanly Community College .....</b>	<b>3</b>
Associate in General Education—Nursing (A1030N)*	
Early Childhood Administration (Certificate) (C55850)	
Early Childhood Preschool (Certificate) (C55860)	
<b>Surry Community College .....</b>	<b>2</b>
Associate in General Education—Nursing (A1030N)*	
Early Childhood Administration (Certificate) (C55850)	
<b>Wayne Community College .....</b>	<b>1</b>
Associate in General Education—Nursing (A1030N)*	
 <b>Western Piedmont Community College.....</b>	 <b>5</b>
Associate in General Education—Nursing (A1030N)*	
Cosmetology Instructor (Certificate) (C55160)	
Early Childhood Preschool (Certificate) (C55860)	



Manicuring Instructor (Certificate) (C55380)  
Manicuring/Nail Technology (Certificate) (C55400)

**Total ..... 95**

*\*Represents a new-to-the-system program (Associate in General Education–Nursing (A1030N))*

*\*\*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>2</b>
Esthetics Instructor (Certificate) (C55270)	
Mechanical Drafting Technology (A50340)	
<b>Beaufort County Community College .....</b>	<b>1</b>
Construction Equipment Systems Technology (A60450)	
<b>Bladen Community College .....</b>	<b>1</b>
School-Age Education (A55440)	
<b>Blue Ridge Community College .....</b>	<b>2</b>
Manicuring/Nail Technology (Certificate) (C55400)	
Plumbing (Diploma) (D35300)	
<b>Caldwell Community College and Technical Institute.....</b>	<b>1</b>
Truck Driver Training (Certificate) (C60300)	
<b>Carteret Community College .....</b>	<b>1</b>
Practical Nursing (Diploma) (D45660)	
<b>Central Carolina Community College .....</b>	<b>2</b>
Associate in General Education (A10300)	
Occupational Education Associate (A55320)	
<b>Central Piedmont Community College .....</b>	<b>1</b>
Geospatial Technology (A40220)	
<b>Cleveland Community College.....</b>	<b>1</b>
Real Estate (A25400)	
<b>Coastal Carolina Community College .....</b>	<b>2</b>
Infant/Toddler Care (Certificate) (C55290)	
School-Age Care (Certificate) (C55450)	
<b>College of The Albemarle .....</b>	<b>2</b>
Industrial Systems Technology (A50240)	
Mechanical Engineering Technology (A40320)	
<b>Craven Community College .....</b>	<b>2</b>
Computer Engineering Technology (A40160)	
Pharmacy Technology (A45580)	
<b>Edgecombe Community College.....</b>	<b>3</b>
Esthetics Instructor (Certificate) (C55270)	
Horticulture Technology (A15240)	
Manicuring/Nail Technology (Certificate) (C55400)	
<b>Fayetteville Technical Community College.....</b>	<b>1</b>
Therapeutic Massage (A45750)	
<b>Forsyth Technical Community College .....</b>	<b>2</b>
Landscape Gardening (A15260)	
Recreational Vehicle Maintenance and Repair Technology (Diploma) (D60310)	
<b>Gaston College .....</b>	<b>1</b>
School-Age Care (Certificate) (C55450)	
<b>Guilford Technical Community College .....</b>	<b>1</b>
Occupational Education Associate (A55320)	

<b>Haywood Community College .....</b>	<b>3</b>
Entrepreneurship (A25490)	
General Occupational Technology (A55280)	
School-Age Education (A55440)	
<b>Isothermal Community College .....</b>	<b>1</b>
Healthcare Management Technology (A25200)	
<b>James Sprunt Community College .....</b>	<b>4</b>
Automotive Systems Technology (A60160)	
Culinary Arts (A55150)	
Masonry (Diploma) (D35280)	
Medical Assisting (A45400)	
<b>Johnston Community College.....</b>	<b>1</b>
Greenhouse and Grounds Maintenance (Certificate) (C15220)	
<b>Lenoir Community College .....</b>	<b>2</b>
Cosmetology Instructor (Certificate) (C55160)	
Dietetic Technician (A45310)	
<b>Mayland Community College.....</b>	<b>11</b>
Associate in General Education (A10300)	
Collision Repair and Refinishing Technology (A60130)	
Cosmetology Instructor (Certificate) (C55160)	
Electrical Systems Technology (A35130)	
Emergency Medical Science (A45340)	
Esthetics Instructor (Certificate) (C55270)	
Esthetics Technology (Certificate) (C55230)	
Industrial Systems Technology (A50240)	
Manicuring Instructor (Certificate) (C55380)	
Office Administration (A25370)	
Small Engine and Equipment Repair (Diploma) (D60280)	
<b>McDowell Technical Community College.....</b>	<b>1</b>
Manicuring Instructor (Certificate) (C55380)	
<b>Mitchell Community College .....</b>	<b>2</b>
Phlebotomy (Certificate) (C45600)	
School-Age Education (A55440)	
<b>Montgomery Community College.....</b>	<b>2</b>
Infant/Toddler Care (Certificate) (C55290)	
Lateral Entry (Certificate) (C55430)	
<b>Pamlico Community College.....</b>	<b>3</b>
Entrepreneurship (A25490)	
General Occupational Technology (A55280)	
Manicuring/Nail Technology (Certificate) (C55400)	
<b>Randolph Community College.....</b>	<b>6</b>
Entrepreneurship (A25490)	
Facility Maintenance Technology (A50190)	
Health Care Technology (Certificate) (C45350)	
Industrial Engineering Technology (A40240)	
Phlebotomy (Certificate) (C45600)	
Therapeutic and Diagnostic Services/Phlebotomy (Diploma) (D45950)	

<b>Richmond Community College .....</b>	<b>3</b>
Healthcare Business Informatics (A25510)	
Lateral Entry (Certificate) (C55430)	
School-Age Education (A55440)	
<b>Roanoke-Chowan Community College .....</b>	<b>3</b>
Building Construction Technology (A35140)	
Health Care Technology (Certificate) (C45350)	
Plumbing (Diploma) (D35300)	
<b>Rockingham Community College .....</b>	<b>4</b>
Criminal Justice Technology Financial Crime/Computer Fraud (A5518B)	
Infant/Toddler Care (Certificate) (C55290)	
Professional Arts and Crafts: Sculpture (A30290)	
Professional Crafts: Clay (A30300)	
<b>Sandhills Community College.....</b>	<b>1</b>
Practical Nursing (Diploma) (D45660)	
<b>South Piedmont Community College.....</b>	<b>2</b>
Baking and Pastry Arts (A55130)	
General Occupational Technology (A55280)	
<b>Southeastern Community College.....</b>	<b>8</b>
Electrical Systems Technology (A35130)	
Environmental Science Technology (A20140)	
Forestry Management Technology (A15200)	
Invasive Species Management Technology (A20240)	
Lateral Entry (Certificate) (C55430)	
Pharmacy Technology (A45580)	
Sustainability Technologies (A40370)	
Therapeutic Massage (A45750)	
<b>Southwestern Community College.....</b>	<b>3</b>
Basic Law Enforcement Training (Certificate) (C55120)	
Entrepreneurship (A25490)	
Sustainability Technologies (A40370)	
<b>Stanly Community College .....</b>	<b>4</b>
Automotive Systems Technology (A60160)	
Esthetics Technology (Certificate) (C55230)	
Lateral Entry (Certificate) (C55430)	
Telecommunications and Networking Engineering Technology (A40400)	
<b>Surry Community College .....</b>	<b>1</b>
Real Estate Appraisal (A25420)	
<b>Tri-County Community College .....</b>	<b>1</b>
Manicuring/Nail Technology (Certificate) (C55400)	
<b>Vance-Granville Community College.....</b>	<b>1</b>
Entrepreneurship (A25490)	
<b>Wayne Community College .....</b>	<b>1</b>
General Occupational Technology (A55280)	
<b>Western Piedmont Community College.....</b>	<b>1</b>
School-Age Care (Certificate) (C55450)	



<b>Wilkes Community College .....</b>	<b>3</b>
Alternative Transportation Technology (Diploma) (D60420)	
Automotive Light-Duty Diesel Technology (Diploma) (D60430)	
Office Administration (A25370)	
<b>Wilson Community College .....</b>	<b>1</b>
Automotive Light-Duty Diesel Technology (Diploma) (D60430)	
<b>Total Program Terminations .....</b>	<b>99</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**

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>January 20, 2017</b>		
Cape Fear CC	Associate in Engineering (A10500)	<ul style="list-style-type: none"> <li>The program will enhance the workforce of NC, 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>
Cape Fear CC	Business Analytics (A25350)	<ul style="list-style-type: none"> <li>The program will support existing programs at CFCC such as Healthcare Business Informatics, Business Administration, and Information Technology by giving students enrolled in those programs an opportunity to advance their qualifications through advanced analytical training.</li> <li>According to the USDL Bureau of Labor Statistics, occupations in business analytics fields are projected to be among the fastest growing in the next decade. As more businesses adopt data-intensive management models, the employment market for analytical professionals will continue to grow.</li> <li>According to the NC Department of Commerce, in the next decade NC will see growth in the analytics fields that outpaces the national average. For example, the N.C. Department of Commerce projects the following rates of growth for these occupations: <ul style="list-style-type: none"> <li>o Management Analysts: 24.8% growth through 2022</li> <li>o Market Research Analysts: 37.3% growth through 2022</li> <li>o Operations Research Analysts: 33.2% growth through 2025</li> </ul> </li> <li>Graduates of the program will also be able to pursue entrepreneurial opportunities.</li> <li>CFCC's service area is uniquely positioned for strong growth in the analytical fields. New Hanover County is home to many corporations involved in data-intensive business operations. These include pharmaceutical research firms PPD and Alcamis (formerly AAIPharma); global manufacturers Corning and General Electric; and the region's largest healthcare provider, New Hanover Regional Medical Center. These businesses and others in the region will increasingly rely upon analytics to improve their operational efficiencies and will thus require workers with analytical training.</li> <li>According to the Department of Commerce data, median salaries for Management Market Research, and Operations Research Analysis occupations fall between \$45,000 and \$70,000 per year.</li> <li>CFCC has received letters of support for developing a Business Analytics program from local employers including GE Hitachi Nuclear, New Hanover Regional Medical Center, and Tidal Capital Advisory Services.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>January 20, 2017 (Continued)</b>		
Cape Fear CC	Business Analytics (A25350) (Continued)	<ul style="list-style-type: none"> <li>In a letter of support for the proposed program, the Manager of Digital Programs - Industrial Internet for GE Hitachi Nuclear, writes: <i>I am witnessing strong demand for professionals who can demonstrate interdisciplinary skills in statistics, decision modeling, software programming, data visualization, and managing large data sets or high-volume streams of data. I believe a program tuned to producing these types of professionals would be highly valued in the community and our state.</i></li> <li>In another letter of support for the proposed program, the Manager of Enterprise Data Management for New Hanover Regional Medical Center, describes the need for graduates with analytics training: As a manager looking for qualified individuals to meet the business analytics needs of NHRMC, I feel it is vital to promote and continue to enhance Cape Fear Community College's capabilities to provide both business and clinical analytics education to our Wilmington community.</li> </ul>
Cape Fear CC	Emergency Management (A55460)	<ul style="list-style-type: none"> <li>Currently, CFCC offers Emergency Medical Science (EMS), Criminal Justice Technology (CJC) and Fire Protection Technology (FPT). CFCC believes Emergency Management will build upon the traditions of excellence established by these first-responder programs and provide learners with an alternative pathway into and emergency services program.</li> <li>Between 2012-2016, CFCC's student enrollment in FPT has been 159 students and CJC 702 students. Between 2015-2016, their enrollment in EMS has been 57 students.</li> <li>CFCC's service area of New Hanover and Pender counties is unique in its need for emergency preparedness and management. The area is frequently threatened by severe weather events, particularly in the form of hurricanes, tropical storms and nor'easters which may require mass evacuations, the opening of shelters, and the closure of barrier island communities.</li> <li><i>Nationally, the employment of Emergency Management Directors is projected to grow eight percent from 2012 to 2022, about as fast as the average for all occupations. Employment of Emergency Management Directors is expected to grow the fastest in hospitals, schools, and private companies. For example, Emergency Management Directors is projected to grow by eighteen percent in health care and social assistance and twenty-two percent in the professional, scientific, and technical services industries from 2012 to 2022.</i> (Bureau of Labor Statistics, U.S. Department of Labor)</li> <li>The Director of Emergency Management in Wilmington indicated: <i>As the Wilmington region grows, the need for emergency preparedness increases. There is little doubt that this area needs an Emergency Management program. Governmental agencies, military and first-response organizations, medical centers, colleges and universities, industry, and community relief organizations in our region can benefit from having better trained individuals to plan, prepare, and protect our citizens, property and natural resources.</i></li> </ul>
Durham Tech CC	Hospitality Management (A25110)	<ul style="list-style-type: none"> <li>The Hospitality Management Program at DTCC will assist in meeting the need for skilled managers in the hotel lodging and restaurant industry in Durham and Orange Counties.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>January 20, 2017 (Continued)</b>		
Durham Tech CC	Hospitality Management (A25110) (Continued)	<ul style="list-style-type: none"> <li>Durham Technical Community College (DTCC) currently offers a continuing education pathway in Hospitality Management under the START program (Skills, Tasks, and Results Training). This pathway began in spring 2015. Fifty-two students have completed the START program and all have expressed interest in continuing their education in a hospitality management curriculum program.</li> <li>Combined, restaurants and lodging establishments provide jobs for 13% of the state's workforce and generate more than \$22 billion in sales annually. (NC Restaurant and Lodging Association)</li> <li>According to the U.S. Bureau of Labor Statistics, the field of Lodging Managers is projected to grow by 8% from 2014-2024. The field of Food Service Managers is expected to grow by 5% for the same time period.</li> <li>In NC, the median annual salary for Lodging Managers is \$41,670 and for Food Service Managers it is 52,890. (NC Department of Commerce)</li> <li>Travel and Tourism supports a combined 15,765 jobs in Durham and Orange Counties. There are approximately 9,696 hotel rooms in Durham and Orange Counties. It is projected that this will increase by an additional 594 rooms by 2017. (Durham Convention and Visitors Bureau and Chapel Hill and Orange County Visitors Bureau)</li> <li>According to Indeed.com, there approximately 178 hotel management positions available in Durham and Orange Counties.</li> <li>DTCC collaborated with NC Central University (NCCU) to develop and align the curriculum in the proposed program with transfer opportunities in the NCCU School of Business, Department of Hospitality and Tourism Administration program.</li> <li>Letters of support for the program were submitted by Durham Workforce Development Board, Staybridge Suites, Wintergreen Hospitality, and North Carolina Central University.</li> </ul>
Isothermal CC	Associate in Engineering (A10500)	<ul style="list-style-type: none"> <li>The program will enhance the workforce of NC, 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>
McDowell Technical CC	Landscape Gardening (A15260)	<ul style="list-style-type: none"> <li>There is an annual projected growth rate of 46% for the Landscape Gardener/Lawn Maintenance worker in the college's region with an average salary of \$23,850 or \$11.57 per hour. (College Foundation of NC)</li> <li>Graduates of the degree will be able to pursue entrepreneurial occupations. The college can provide resources through their Small Business Center that will assist the entrepreneur start their own business. In addition, the Center offers a variety of monthly seminars and workshops, such as marketing roundtables and business model development that are helpful to graduates.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>January 20, 2017 (Continued)</b>		
McDowell Technical CC	Landscape Gardening (A15260) (Continued)	<ul style="list-style-type: none"> <li>The college surveyed agriculture program students at McDowell High School.</li> <li>Twenty-three (29%) of the students indicated an interest in pursuing a landscape gardening degree.</li> <li>If approved for the program, MTCC plans to offer a Career and College Promise high school Landscape Gardening program.</li> <li>MTCC received a letter of support from the CTE Director at McDowell County Schools who stated: This program will provide students in our community with the necessary skills and degree to work in this growing industry.</li> <li>The NC Cooperative Extension Service provided a letter of support for the proposed program in which the McDowell County Extension Director stated: The training will help students with the knowledge, skills, and abilities needed to fulfill industry needs.</li> <li>The Superintendent of McDowell County Schools that the proposed program will; offer our student's opportunities to further their knowledge of the industry while earning college credits and certifications.</li> <li>The President of Banner Greenhouses expressed support for the proposed program and stated: <i>I experience firsthand the need for qualified, educated employees. Finding qualified employees is the primary issue that inhibits our ability to expand, improve, and maintain the quality of our products and services.</i></li> </ul>
Montgomery CC	Associate Degree Nursing (A45110)	<ul style="list-style-type: none"> <li>Currently, MCC offers the Nurse Aide and Practical Nursing programs.</li> <li>According to the NC Department of Commerce, the job outlook for the employment of Registered Nurses (RNs) is strong nationally and state-wide.</li> <li>In November, NC WORKS Online reported 934 RN job openings advertised online in the Sandhills Prosperity Zone. On December 13, 2016, the number of job openings advertised online for RNs in the Sandhills Region were 553 and the estimated median annual salary was \$57,818.</li> <li>The Chief Nursing Officer at FirstHealth Montgomery Memorial Hospital indicated: I have had the privilege of working with MCC for many years through their top-notch Practical Nursing program. As a healthcare organization in the same county as the college, I understand the need for competent, caring, and invested RNs in our rural area.</li> </ul> <p>We desperately need to grow our network of healthcare professionals to meet the needs of our community.</p> <ul style="list-style-type: none"> <li>The Nursing Supervisor at Montgomery County Health Department stated that the proposed program will; <i>provide accessible, affordable education to our community. Our state is facing a shortage of RNs and this will help deliver more RNs to the workforce. This program offering would provide a solid economic and social investment to our community since most of the graduates would work in our county or surrounding counties.</i></li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>January 20, 2017 (Continued)</b>		
Montgomery CC	Associate Degree Nursing (A45110) (Continued)	<ul style="list-style-type: none"> <li>MCC received a letter of support from the Administrative Director at FirstHealth Moore Regional Hospital who stated: <i>Many of the facilities in rural areas of our state are experiencing a shortage of RN staff. We posted positions for 110 new graduate RNs this past summer but were only able to fill 87 of them. We support this addition of a new Associate Degree program in our area.</i></li> <li>MCC received a letter of support from the Accreditation Coordinator/Facility Safety Office at Carolinas HealthCare System-Stanly who wrote: <i>I strongly support the approval and implementation of the MCC ADN program. Carolinas HealthCare System-Stanly has had a long and successful working relationship with the college in the past and looks forward to providing excellent clinical experiences to their ADN students in the future.</i></li> <li>A Clinical Nurse Supervisor at Carolinas HealthCare System-Union expressed support for the proposed program and stated: <i>I have had the privilege of working as an adjunct clinical instructor for the past two years with MCC's Practical Nursing Students. I am very impressed in the quality nurses this program produces. One of the number one comments I receive from the students is that they wished there was an Associate Degree Nursing program close to their homes.</i></li> </ul>
Western Piedmont CC	Cosmetology (A55140)	<ul style="list-style-type: none"> <li>The Cosmetology program at Western Piedmont Community College (WPCC) will prepare students for work in a highly competitive field with opportunities for advancement. Graduates will be qualified for work in a variety of settings as well as have the technical skills necessary to begin their own business.</li> <li>According to the U.S. Bureau of Labor Statistics, the field of barbers, hairdressers, and cosmetologists is projected to grow by 10 percent from 2014-2024, faster than the average for all occupations. Demand for hair coloring, hair straightening, and other advanced hair treatments has risen in recent years, a trend that is expected to continue over the coming decade. (U.S. Bureau of Labor Statistics)</li> <li>In NC, the number of hairdressers, hairstylists, and cosmetologists is expected to increase from 14,010 in 2012 to 15,920 in 2022 (14%). This occupation is expected to average about 520 openings each year during this period. (NC Department of Commerce)</li> <li>In North Carolina, the median annual salary for hairstylists, and cosmetologists is \$20,110. Salaries usually reflect the amount of experience a person has in the occupation. Annual salaries for this job can range from approximately \$16,770 for beginners to \$31,490 for those with the most experience. (NC Department of Commerce)</li> <li>WPCC has formed an advisory committee for this proposed program which includes area stylists and salon owners. Advisory committee members report that stylists in the community have had to leave the county to get the training needed to become employed. By offering the Cosmetology program at WPCC, residents of Burke County will have access to the training needed to become a licensed cosmetologist.</li> <li>Letters of support for the program were submitted by Premier Studio and Salon Edge.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>January 20, 2017 (Continued)</b>		
Western Piedmont CC	Cosmetology (A55140) (Continued)	<ul style="list-style-type: none"> <li>Burke County Public Schools surveyed 316 high students enrolled in career and technical education programs in four area high schools. Forty-seven students expressed interest in Cosmetology as a program of study option in Career and College Promise (CCP).</li> </ul>
<b>March 17, 2017</b>		
Guilford Technical CC	Health Information Technology (A45360)	<ul style="list-style-type: none"> <li>According to the NC Department of Commerce, the job outlook for the employment of medical records and health information technicians (HIT) in NC is expected to increase from 5,160 in 2014 to 6,200 in 2024 (twenty percent). This occupation is expected to average about 220 opening each year during this period.</li> <li>According to the U.S. Bureau of Labor Statistics, employment of HITs is projected to grow fifteen percent from 2014 to 2024, much faster than the average for all occupations.</li> <li>The U.S. Bureau of Labor and Statistics associates the HIT faster growth rate to several factors: 1.) An aging population will require more medical services, and HITs will be needed to organize and manage the older generations' health information data. 2.) The number of individuals who have access to health insurance is expected to continue to increase because of federal health insurance reform. 3.) Additional records, coupled with widespread use of electronic health records (EHRs) by all types of health care providers, will lead to an increased need for technicians.</li> <li>According to the April-June Economic Modeling Report, in 2013 the twelve county Triad region had 992 HIT jobs and it is projected they will have 1,171 in 2025 (increase by eighteen percent). Currently, only one community college provides the curriculum in the area. The typical career path for HITs includes Medical and Health Services Management. Regional trends suggest an 8.6 percent growth in jobs for Health Services Managers, a position with the median earnings of \$45.66 an hour.</li> <li>The Director of Acute Care Coding at Novant Health stated they would provide remote internship opportunities for the students. By providing remote opportunities for the HIT students any class size could be accommodated in the coding internship.</li> <li>GTCC received emails of support for clinical internships from the Practice Administrator at Greensboro Dermatology Association and from Canopy Partners.</li> </ul>
<b>April 21, 2017</b>		
Alamance CC	Computer-Aided Drafting (A50150)	<ul style="list-style-type: none"> <li>The college surveyed local industries in November 2016 and in January 2017 and determined there is significant need for qualified AutoCad and computer-aided drafting (CAD) technicians in Alamance County. The survey resulted in locating nearly 200 CAD-related positions within a 50-mile radius of Alamance Community College's main campus.</li> <li>Indeed.com employment statistics indicated that there were 361 CAD and similar employment positions available within the workforce region for qualified individuals.</li> <li>The college has worked diligently at providing students with the opportunity to earn stackable credentials. Students in the program will have the opportunity, at no cost to them, to earn a Certified SolidWorks Professional nationally-recognized industry certificate.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b><i>April 21, 2017 (Continued)</i></b>		
Alamance CC	Computer-Aided Drafting (A50150) <i>(Continued)</i>	<ul style="list-style-type: none"> <li>The Computer-Aided Drafting Technology program aligns to and supports four local high schools that currently offer drafting courses to their students by providing a comprehensive educational pathway for more than 100 students interested in pursuing drafting technology.</li> <li>The college plans to retire its Mechanical Drafting Technology program in favor of the CAD program based on industry input and student interest. CAD skills would provide graduates with skills that are considered suitable across diverse industries including emergent industries such as those associated with additive manufacturing (e.g., 3D printing). Every course required of the CAD program except one is currently being taught within the current program. The CAD program may be considered a program title change that more accurately reflects the true nature of the program as it is currently designed</li> <li>In addition to traditional job opportunities, it is noted that a career in CAD is especially suitable for self-employment.</li> </ul>
Edgecombe CC	Baking and Pastry Arts (A55130)	<ul style="list-style-type: none"> <li>The Baking and Pastry Industry is expected to be a high growth industry over the next ten years with a growth rate of 7%. (Bureau of Labor Statistics)</li> <li>The average wage for this occupation is \$24,170 annually. (Bureau of Labor Statistics)</li> <li>Forty-five local employers were identified by the planning and advisory committee. These forty-five employers identified 25 current or potential job opportunities in the coming year.</li> <li>The N.C. Department of Commerce, Labor, and Economic Analysis Division reported 4,782 culinary related occupations predicted for NC for the years of 2012-2022.</li> <li>ECC currently has an industrial kitchen as well as classrooms located in the same building where the proposed program will be housed. The college also has a majority of the major equipment needed for program implementation.</li> <li>ECC surveyed 283 Edgecombe County high school students currently enrolled in Foods I and Foods 2. Of the students surveyed, 67 indicated interest in enrolling in the Baking and Pastry Arts program.</li> <li>Local business and industry leaders and employers have expressed support for the development of a Baking and Pastry Arts program. A letter of support was submitted by the plant manager of Tyson Foods.</li> <li>The Career and Technical Education Coordinator for Edgecombe County Schools provided a letter of support for the program and stated, "Our students need expanded options in fields that lead to careers currently in demand. We believe that Edgecombe Community College's plan to start a Baking and Pastry Arts program will help fill this need."</li> </ul>
Edgecombe CC	Ophthalmic Medical Assisting (Diploma) (D45510)	<ul style="list-style-type: none"> <li>The Ophthalmic Medical Assistant (OMA) program is an excellent fit for the College related to the higher than average elderly population in their area who have diabetes, hypertension, and other chronic illnesses that affect eye health.</li> </ul>



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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>April 21, 2017 (Continued)</b>		
Edgecombe CC	Ophthalmic Medical Assisting (Diploma) (D45510) (Continued)	<ul style="list-style-type: none"> <li>Per the Occupational Outlook Handbook published by the U.S. Bureau of Labor Statistics, employment in the medical assistant field is projected to grow twenty-three percent from 2014 to 2024, much faster than the average for all occupations. The Handbook does not break down the various types of medical assistants.</li> <li>Local and area eye care providers can serve their clients efficiently by having a readily available, trained, and certified workforce.</li> <li>ECC received letters of support from two ophthalmologist's practices. One ophthalmologist noted; <i>My practice is constantly looking for well-trained individuals for Ophthalmic Assistants and all too often these individuals require substantial training. We have had to resort to 'on-the-job training which is time consuming and likely does not ground the individuals in the ideal techniques at first. Our geographic area has a tremendous need for well-trained Ophthalmic Assistants and eventually Ophthalmic Technicians. I would be more than happy to assist the student trainees with their education in the office setting.'</i></li> <li>ECC received a letter of support from Edgecombe's County Manager for the OMA program.</li> </ul>
Randolph CC	Manufacturing Technology (A50320)	<ul style="list-style-type: none"> <li>The college surveyed local industries in their county utilizing the Economic Modeling Specialists International employment data tool. Employment within the manufacturing sector is projected to grow 19.4% between 2015-25.</li> <li>Randolph Community College received letters of support from Kennametal, Incorporated, PEMMCO, and Technimark that reinforced collaboration and support of the college, the need for manufacturing skills training to meet an existing skills gap to employment within their organizations, and a commitment to top consideration for graduates of the program.</li> <li>The college has partnered collaboratively with thirteen area industries, Randolph County Schools, and Asheboro City Schools, to create Apprenticeship Randolph that provides career pathways for students grades 9-14 in manufacturing beginning with Career and College Promise programs and continues with apprentice job opportunities.</li> <li>The college was invited to submit a full application for a Golden LEAF Foundation Community Based Grant that will provide over \$1.5 million in grant funding that is supportive of the Apprenticeship Randolph initiative and the ongoing development of the manufacturing program.</li> <li>RCC is the recipient of a \$1 million Gene Haas Foundation grant that is being used to provide learning opportunities in manufacturing, classroom resources, and supports a design contest that will be used to reinforce the changing nature and a more positive image of modern manufacturing to students and their parents.</li> <li>The college received a letter of support from Randolph County Economic Development Corporation in support of the manufacturing program that they believe is necessary to support area manufacturing industries.</li> </ul>
<b>May 19, 2017</b>		
Catawba-Valley CC	Emergency Management (A55460)	<ul style="list-style-type: none"> <li>In October 2016, the advisory committees for the Fire Protection Technology, Emergency Medical Science, and Criminal Justice Technology programs met and expressed overwhelming support for the development of the Emergency Management program.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>May 19, 2017 (Continued)</b>		
Catawba-Valley CC	Emergency Management (A55460) (Continued)	<ul style="list-style-type: none"> <li>In August 2016, CVCC developed and distributed an employer survey to local hospitals, county and city fire departments, Emergency Medical Services, law enforcement, local non-profit agencies, and educational institutions. A total of thirty-five responses were received. Sixty-four percent of their respondents indicated that emergency management issues were important to their organization and thirty-two percent indicated that issues were emerging for their organization. Ninety-one percent of the respondents indicated they would hire an individual with a certificate or associate degree in emergency management. Fifty-one percent of the respondents indicated they would have job opening in 2017 and sixty-three percent projected they would have job openings in 2020. Eighteen percent of respondents noted a serious shortage, forty-two percent indicated a moderate shortage, and thirty-nine percent reported a minor shortage of qualified individuals for emergency management positions.</li> <li><i>Emergency Management Directors is projected to grow by eighteen percent in health care and social assistance and twenty-two percent in the professional, scientific, and technical services industries from 2012 to 2022.</i> (Bureau of Labor Statistics, U.S. Department of Labor)</li> <li>According to the U.S. Bureau of Labor Statistics in 2016, the annual wage for Emergency Management Directors in NC was \$73,090 and the national wage was \$73,750.</li> </ul>
Mitchell CC	Agriculture Education (A15330)*	<ul style="list-style-type: none"> <li>Agriculture is Iredell County's number one economic industry and provides approximately 15% of the jobs. (Iredell County Extension Office)</li> <li>If approved for the program, MCC plans to offer a Career and College Promise high school program in Agriculture Education.</li> <li>If approved for the program, MCC will pursue formal articulation agreements with senior institutions (The University of Mount Olive and NC Agricultural and Technical State University) which will prepare students to enter the workforce as teachers. This articulated pathway will assist in addressing the projected shortfall of agricultural educators. The President of Mount Olive provided a letter of support for the proposed program and stated: <i>We will gladly serve as the recipient of its graduates into our agriculture education program.</i></li> <li>Resources currently utilized in the college's agribusiness program are already available for the proposed program. These include a <math>\frac{3}{4}</math> acre community garden, greenhouse, raised beds and tools.</li> <li>The college surveyed students in their current Agribusiness program and 70% of the seventeen students that responded indicated that they would have been interested in pursuing the Agriculture Education program.</li> <li>The college has been approved for an early college (Agriculture and Science Early College) (pending funding approval) which will focus on agriculture and college transfer. A survey was sent to local middle school students and parents to gauge interest in the early college and 332 out of 390 stakeholders responded positively.</li> <li>There are 400 North Iredell high students who are members of Future Farmers of America.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>May 19, 2017 (Continued)</b>		
Mitchell CC	Agriculture Education (A15330)* (Continued)	<ul style="list-style-type: none"> <li>The proposed program will provide graduates with entrepreneurial opportunities. The college has a Small Business Center which supports the development of new businesses and the growth of existing businesses by serving as a community based provider of training, counseling and resource information. Additionally, the NCSU Cooperative Extension Office in Iredell County provides education and resources for agriculture related business.</li> <li>The Director of Career and Technical Education at Iredell-Statesville Schools provided a letter of support for the proposed program and stated: <i>Many local school systems are having a hard time filling Ag Ed teaching positions. Moreover, we have students who are interested in a career as such, yet it is a challenge for them as only 3 colleges in NC offer this program and the closest location is Greensboro, NC. This is a real problem since many of these students work on family farms.</i></li> <li>The Director of Career and Technical Education at Mooresville Graded School District provided a letter of support for the proposed program and stated: <i>Given the amount of farmland that exists in Iredell County combined with the limited agricultural education programs that exist in NC, Mitchell CC would be filling a need that would benefit the people in our area by starting this program. Agricultural Education is a program that our school district does not offer, but I believe that some of our students would take advantage of the opportunity if it were made available at Mitchell.</i></li> <li>The Iredell County Agricultural Center Extension Director provided a letter of support for the proposed program and stated: <i>Agriculture continues to be the number one industry in NC as well as Iredell County. Many local school systems are having difficulties filling agriculture education teaching positions. Iredell County Cooperative Extension fully supports this endeavor as it would provide another pathway for students into the field of agriculture education.</i></li> <li>The State Agricultural Leader at the Department of Agricultural and Extension Education at NC State University provided a letter of support for the proposed program and stated: <i>The northwest region of NC has traditionally been one of the strongest agriculture regions of our state and often high school graduates have interest in teaching but are not interested in traveling far from home to study. The State Agricultural Education staff/office fully supports this endeavor and believes it will aid us greatly in meeting this crisis need.</i></li> </ul>
Surry CC	Health Information Technology (A45360)	<ul style="list-style-type: none"> <li>According to the NC Department of Commerce, the job outlook for the employment of medical records and health information technicians (HIT) in NC is expected to increase from 5,160 in 2014 to 6,200 in 2024 (twenty percent). This occupation is expected to average about 220 opening each year during this period.</li> <li>According to the U.S. Bureau of Labor Statistics, employment of HITs is projected to grow fifteen percent from 2014 to 2024, much faster than the average for all occupations.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>May 19, 2017 (Continued)</b>		
Surry CC	Health Information Technology (A45360) (Continued)	<ul style="list-style-type: none"> <li>The U.S. Bureau of Labor and Statistics associates the HIT faster growth rate to several factors: 1.) An aging population will require more medical services, and HITs will be needed to organize and manage the older generations' health information data. 2.) The number of individuals who have access to health insurance is expected to continue to increase because of federal health insurance reform. 3.) Additional records, coupled with widespread use of electronic health records (EHRs) by all types of health care providers, will lead to an increased need for technicians.</li> <li>In 2016, there were thirty job openings for Medical Records and Health Information Technology Technicians in Surry and Yadkin counties. Future service area trends suggest a 3.3 percent growth. The median hourly range is \$15.16 an hour. (Economic Modeling Report, February 2017)</li> <li>Industries that employ Medical Records and Health Information Technicians include: general medical and surgical hospitals, local government hospitals, physician offices, nursing care facilities, and regional managing offices.</li> <li>The Health Information Management Director at Hugh Chatham Memorial Hospital provided a letter of support to SCC that indicated, "when we have coding vacancies our preference is to have a credentialed coder with a CCS or CPC credential or with a RHIT credential of higher. We ordinarily receive many responses but very few with associate degrees in Health Information Technology. I believe there is a huge opportunity in our region for employment for RHIT credentialed individuals."</li> <li>The Health Information Management Director at the Northern Hospital at Surry County notes, "they hired seven coders in the last two years. There is currently a HIM coder position open, which has been posted for four months. Four years ago, it took ten months to hire a director of health information at Northern Hospital of Surry County."</li> <li>SCC plans to design a certificate in health information technology to offer high school students through Career and College Promise. This will complement the mission of the NC STEM (NC Science, Technology, Engineering, and Math) initiatives as well as providing high school students in the SCC service area with increased opportunities.</li> </ul>
Wake Technical CC	Facility Maintenance Technology (A50190)	<ul style="list-style-type: none"> <li>The Bureau of Labor Statistics suggests that employment within facility maintenance is projected to grow approximately 7-11% between 2015-25.</li> <li>The trade periodical Multifamily Insider and Forbes suggest that there is an ongoing skills gap with the facility maintenance facility repair industry as well as a shortage of qualified technicians to keep pace with the volume of reported maintenance requests.</li> <li>Wake County has approximately 104,000 multi-family units being serviced by three property management companies with nearly 20 million square-feet to of property to manage.</li> <li>WTCC's Vernon Malone College and Career Academy currently has trades programs in HVAC, electrical, and plumbing. These programs will provide students and pathways directly into the facility maintenance program without the need for additional instructional staff or equipment. The college projects initial enrollment of 20 students with an increase in future cohorts.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>May 19, 2017 (Continued)</b>		
Wake Technical CC	Facility Maintenance Technology (A50190) (Continued)	<ul style="list-style-type: none"> <li>The college expects that the facility maintenance program will support a growing economy in Wake County while providing additional opportunities for students in their Mission Critical Operations program which has facility maintenance components that align with the demands created with the advent of high-tech facilities.</li> <li>Facility maintenance is supportive of small business development and entrepreneurship opportunities.</li> </ul>
<b>July 21, 2017</b>		
Lenoir CC	Emergency Management (A55460)	<ul style="list-style-type: none"> <li>Currently, LCC offers Emergency Medical Science (EMS) and Criminal Justice Technology (CJC) through curriculum programs. In addition, they offer EMS, Fire and Law Enforcement through continuing education. Emergency Management will build upon the traditions of excellence established by these first-responder programs.</li> <li>LCC surveyed one hundred previous continuing education students in the public health/safety field. Eighty-five percent indicated they were interested in obtaining an Associate Degree in Emergency Management. Ninety percent of the respondents are interested in the classes being offered online.</li> <li>LCC and Western Carolina University (WCU) plan on developing an articulation agreement which would allow graduates of LCC's program to transition seamlessly into the last two years of the Emergency and Disaster Management online baccalaureate program.</li> <li>Utilizing the Career Coach job market analysis tool, LCC determined there were one hundred and twenty-two Emergency Management Directors employed within a hundred-mile radius of their campus. Over the next four years, this number is expected to increase over seven percent. Additionally, they noted that twenty-eight percent of the directors were over the age of fifty-five and would likely retire soon.</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 are 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 Emergency Services in Lenoir County indicated: This program is an ever-evolving field and it is our goal to have trained and qualified persons to respond to disasters and help in the preparedness, mitigation and recovery processes.</li> <li>A Commissioner for Lenoir County wrote: <i>Like many eastern NC communities, Lenoir County has experienced both manmade and natural emergencies. It has been a great asset to have LCC's Public Safety Programs as a partner in preparing our emergency personnel. This additional degree will allow those in the field of public safety to elevate their skills and go on to higher positions of responsibility.</i></li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>July 21, 2017 (Continued)</b>		
Lenoir CC	Emergency Management (A55460) (Continued)	<ul style="list-style-type: none"> <li>A letter from the Executive Director of the Lenoir County Economic Development Board stated: <i>One of the goals of the Economic Development Board is to promote Lenoir County's strategic assets to economic development prospects. Having a highly qualified pool of emergency management personnel and the College as a partner in disaster relief and mitigation will highlight that Lenoir County is prepared for and dedicated to the safety and well-being of our industrial investments.</i></li> <li>The President of the NC Emergency Management Association wrote: <i>A goal of the NC Emergency Management Association is to encourage and support the dissemination of hazard, disaster, and emergency management-related information in colleges and universities across our State. We believe that in the future; more and more emergency managers in government, as well as in business and industry, will come to the job with a college education that includes a degree in emergency management.</i></li> <li>The Manager for the Federal Emergency Management Agency's Emergency Management Higher Education Program wrote: <i>We are becoming a much more vulnerable society faced with growing threats, new and evolving hazards, and for a variety of reasons, more people at risk. We need, now more than ever, to build and sustain a generation of more professional, skilled, diverse, and better educated 'emergency managers,' emergency personnel, public health workers and others, in both the public and private sectors, to better face the challenges facing the nation.</i></li> </ul>
Nash CC	Broadcasting and Production Technology (A30120)	<ul style="list-style-type: none"> <li>Over the last ten years, students have participated in broadcasting, journalism, radio and television production, web-based media via club activities and continuing education. NCC has not verified continuing education participation in related content.</li> <li>Occupations related to radio announcers, television announcers and broadcast technicians show a declining rate of employment. Occupations related to sound engineering technicians, film and video editors, camera operators and media/communications workers have an annualized positive growth rate. (NC 2014-2024 Occupational Employment Projections)</li> <li>NCC confirms that there are not major employers waiting to "snap up" graduates, but expects that students completing this program will find employment by producing content in non-traditional, multimedia formats that are a part of the ever-evolving digital landscape. The college will provide small business development resources to students through their Small Business Center.</li> <li>In 2016, the college opened a multi-media studio which is home to Big Bang Radio WNIA 89.1 FM and which operates as a student club organization. The college has recently invested more than \$100,000 in a state-of-the-art production facility and has partnered with Nash County and the town of Nashville to produce and air the local educational television channel. Students were not specifically surveyed to determine interest in enrollment in the proposed curriculum program, however, the college has based student interest in enrollment upon the large number of students that are interactively engaged with the campus media program (Studio 67).</li> <li>If the program is approved, NCC will develop a Career and College Promise program for high school students.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>July 21, 2017 (Continued)</b>		
Nash CC	Broadcasting and Production Technology (A30120) (Continued)	<ul style="list-style-type: none"> <li>The Executive Director of High Schools (Nash-Rocky Mount Schools) provided a letter of support and stated that he <i>believes our high school students will benefit tremendously if they are afforded the opportunity to participate in a broadcasting curriculum.</i></li> <li>The Provost and Vice President for Academic Affairs at Barton College provided a letter of support for the proposed program and indicated Barton's willingness to develop a 2 + 2 articulation between Nash Community College's Broadcasting and Production program and Barton's Mass Communications or Integrated Media and Arts program.</li> <li>The President of Capitol Broadcasting Company provided a letter of support and noted: <i>East Carolina University has established undergraduate and graduate communications programs in Greenville, but currently no two-year broadcast production program is available in this part of the state. We believe NCC is perfectly-positioned to fill this void and provide marketable skills and education to students in the Rocky Mount area and beyond.</i></li> <li>The Downtown Development Manager for the city of Rocky Mount provided a letter of support. <i>In speaking to the pathway for high school students, the manager noted: This program will provide younger students with the opportunity to explore and enroll in broadcasting and related courses. In addition, students earning credentials from the program will have entrepreneurial opportunities, including but not limited to weddings, special events, and social media. The college has not verified that graduates will have the skills needed to pursue the specific opportunities listed in the letter of support.</i></li> <li>The President of WHIG-TV provided a letter of support and noted: <i>This program possesses the potential to provide local residents of various backgrounds, from recent high school graduates to experienced professionals, an opportunity to develop essential skills in a field of study and skill where our community and region needs significant improvement.</i></li> <li>The Mayor of the town of Nashville provided a letter of support for the proposed program and stated; <i>This degree will provide our town, existing businesses, and future businesses an opportunity to partner with Nash Community College utilizing 21st century media capabilities.</i></li> </ul>
Pamlico CC	Dental Laboratory Technology (A45280)	<ul style="list-style-type: none"> <li>Currently, PCC offers a successful Dental Laboratory Technology (DLT) program for inmates at Pamlico Correctional Institute. Students are taught how to make all types of removable prostheses, the appropriate utilization of dental equipment, and entrepreneurship. The students learn how to draw a lab to scale, equip and operate it from the business perspective. At the end of the class, the student presents a business plan on starting their own dental lab and a five-year business plan that includes hiring employees. By building on the current captive program, PCC is confident they can have a successful program.</li> <li>PCC serves one of the smaller rural counties in the state. In 2015, the estimated population for Pamlico County was 13,174 which ranks them 91 out of the one hundred counties in population. In 2014, approximately thirty-three percent of their population was sixty years of age or older. (NC Department of Commerce)</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>July 21, 2017 (Continued)</b>		
Pamlico CC	Dental Laboratory Technology (A45280) (Continued)	<ul style="list-style-type: none"> <li>According to the Occupational Outlook Handbook, employment of dental laboratory technicians is projected to grow ten percent from 2014 to 2024, faster than the average for all occupations. The aging baby-boomer population will spur the demand for orthotic/dental devices.</li> <li>PCC notes that Dental Technicians trained by the college would be prepared to serve a growing number of older residents who are likely to need dental prosthesis as they age.</li> <li>PCC indicates that the program will train students for jobs in commercial and private labs, dental clinics, doctor's office laboratories, sales, and entrepreneurship. A trained dental technician earns an average of \$21.14 per hour or an annual salary of \$43,971.</li> <li>PCC surveyed four dental practices within their service area. Each dental practice indicated they sent their lab work to New Bern or Greenville. The turn-around time to receive the dental prosthetics is usually one to two weeks. They indicated it would be beneficial to have local DLTs because they could do same day repairs/relines and quicker prosthetic development.</li> <li>According to the NC Department of Commerce, over forty-six percent of the working population in Pamlico County work outside their county of residence. PCC surveyed potential employers in their region. PCC reports there are currently twenty-four job openings and an estimation of sixty-three job opening through 2019.</li> <li>A Dental Practice in Pamlico County indicated: <i>As one of the few dentists in Pamlico County, I would welcome dental technicians in this area. Well trained technicians are always an asset to our profession. If adequately trained with a good business model, we could employ their services. It would also be convenient to have a dental laboratory in Pamlico County.</i></li> <li>A Commissioner for Pamlico County wrote: <i>The college sees an opportunity to provide new career options in Dental Technology and recognizes a need for workers who have skills to create dental appliance for residents of a county where the average age is 50.2 years. There are jobs available in this field. The demand for dental appliances likely will continue to grow as the area continues to see the average age of its residents increase and experiences as in-migration of older, retired people.</i></li> <li>A letter from the Executive Director of the Pamlico Chamber of Commerce stated: <i>This program would equip members of the local workforce with in-demand skills which would improve their job prospects and increase earning potential. According to the 2015 census, Pamlico County has a median income of approximately \$43,000 and a 14.6% poverty rate. By adding the Dental Technology program, there could be a potential income increase for families.</i></li> <li>The Dental Recruiter for Affordable Dentures Dental Labs a national company wrote: <i>Currently, we have over 700 technicians employed in our 232 practices/labs located throughout the United States. There is certainly a big need for a school that is set for training removeable denture technicians as we have seen a shortage of qualified technicians to fill the need in labs seeking technicians. Affordable Dentures will continue to grow each year. We have been "assigned" to add 20 to 25 new locations and to reach a goal of 100 new sites by 2020.</i></li> </ul>



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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>July 21, 2017 (Continued)</b>		
Pamlico CC	Dental Laboratory Technology (A45280) (Continued)	<ul style="list-style-type: none"> <li>PCC surveyed high school seniors and PCC students to determine interest in the DLT program. Thirty- four out of forty-six respondents indicated they would be interested in the program.</li> </ul>
Rowan-Cabarrus CC	Associate in Engineering (A10500)	<ul style="list-style-type: none"> <li>The program will enhance the workforce of NC, 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>
Southeastern CC	Mechatronics Engineering Technology (A40350)	<ul style="list-style-type: none"> <li>The U.S. Bureau of Labor Statistics suggests that employment opportunities for maintenance and machinery technicians would grow 16% between 2014-24.</li> <li>According to the Occupational Outlook Handbook, electro-mechanical and industrial maintenance technicians earn between \$48-53,000 annually. National employment is expected to grow by 73,400 jobs with 1,550 of those jobs projected for NC.</li> <li>The president of SCC hosted a comprehensive Manufacturing Skills Summit that included a listening tour to obtain feedback from local employers regarding their training needs. Industries including Max Pro Window Films, National Spinning, Council Tool, Filtec Precise, Ply-Gem, W.E. Bailey, West Fraser, along with a group of smaller companies.</li> <li>Companies stated the need for individuals possessing automated manufacturing skills in their organizations similar to the ones that would be taught in a mechatronics program. In 2016, the college provided over \$175,000 worth of customized training for local manufacturers.</li> <li>SCC's Trustees have placed the expansion of a mechatronics program and multiple laboratories as a priority for the college and plan on supporting it with Connect NC bond funds.</li> <li>The college surveyed potential students within their occupational extension programs and early college high school and found that 23-30 students may be interested in enrolling in the program annually.</li> <li>The college was awarded a \$250,000 Duke Energy grant that was used to purchase a Festo Manufacturing Production System and Fanuc Robot for instructional training purposes.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>August 18, 2017</b>		
Forsyth Technical CC	Health Information Technology (A45360)	<ul style="list-style-type: none"> <li>According to the NC Department of Commerce, the job outlook for the employment of medical records and health information technicians (HIT) in NC is expected to increase from 5,160 in 2014 to 6,200 in 2024 (twenty percent). This occupation is expected to average about 220 opening each year during this period.</li> <li>According to the U.S. Bureau of Labor Statistics, employment of HITs is projected to grow fifteen percent from 2014 to 2024, much faster than the average for all occupations.</li> <li>The U.S. Bureau of Labor and Statistics associates the HIT faster growth rate to several factors: 1.) An aging population will require more medical services, and HITs will be needed to organize and manage the older generations' health information data. 2.) The number of individuals who have access to health insurance is expected to continue to increase because of federal health insurance reform.</li> <li>FTCC reported that in June 2017, there were forty-five job openings for Medical Records and Health Information Technology Technicians in Forsyth and Stokes counties.</li> <li>The Health Information Management Director at Novant Health provided a letter of support to FTCC that indicated, "As a large healthcare provider in NC, Novant Health is always looking for qualified professionals for our Health Information Management teams. Unfortunately, there is a shortage of candidates who have the training, education, and credentials we need. Having an accredited program within the Triad service area-a critical market for our organization-will work to fill the void of qualified graduates we seek to fulfill our mission."</li> <li>The Assistant Vice President, Health Information Management and Clinical Coding Services, at Wake Forest Baptist Medical Center notes; <i>Our corporate division and Health Information/Records Management department will support the development of a Health Information program at FTCC. For some time, the need for health information technology has been discussed with college leaders, and this is exciting news.</i></li> </ul>
Roanoke-Chowan CC	Mechatronics Engineering Technology (A40350)	<ul style="list-style-type: none"> <li>The U.S. Bureau of Labor Statistics suggests that employment opportunities for maintenance and machinery technicians would grow 16% between 2014-24. The NC Department of Commerce indicated 6% growth for mechatronic-type positions within the state; 16% increase for engineers; and 11% for maintenance and repair technicians.</li> <li>According to the U.S. Bureau of Labor Statistics, electro-mechanical and industrial maintenance technician median earnings averaged \$53,340 annually, nearly twice the average salary for Hertford County.</li> <li>Local industry surveys indicated a need for over one-hundred positions for maintenance, electro-mechanical technician, and similar positions within the college service area.</li> <li>The college received letters of support of the program from local companies including Purdue Farms, Hampton Farms, and Eddie Kane Steel. Companies indicated that they had to go outside the area to locate qualified individuals who could maintain, troubleshoot, and service modern automation equipment.</li> <li>Eddie Kane Steel would support a mentoring position that coincided with the mechatronics program.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>August 18, 2017 (Continued)</b>		
Roanoke-Chowan CC	Mechatronics Engineering Technology (A40350) (Continued)	<ul style="list-style-type: none"> <li>The college surveyed RCCC students and Hertford County High School students to determine their interest in participating in the mechatronics program. Approximately 50 students expressed interest in enrolling in the program. The college plans to partner with local high schools to offer a pathway for the program through Career and College Promise.</li> <li>The college currently provides instruction for many of the courses it plans to offer for the new program within existing technical programs, therefore the cost of adding the program would be reasonable. Any additional purchases would be funded through Perkins and the college's Dominion Foundation.</li> </ul>
Sandhills CC	Aviation Management and Career Pilot Technology (A60180)	<ul style="list-style-type: none"> <li>The Bureau of Labor Statistics suggests that employment opportunities for pilots, co-pilots, and flight engineers will increase by 5% over the next 20 years.</li> <li>According to the Occupational Outlook Handbook, entry-level employees are expected to earn \$40,000 annually for those employed in aviation management, while graduates employed in career piloting are expected to earn approximately \$60,000.</li> <li>SCC surveyed employers who anticipated 12 annual employment positions which aligns nicely with projected program enrollment. Emerging growth in unmanned air systems (drones) may add to these projections.</li> <li>SCC is working with their partnering SCC Foundation and local economic development partners to build funding they hope will offset the cost of flight instruction.</li> <li>The college surveyed potential students and found that 15-20 students would be interested in enrolling in the program annually.</li> <li>Moore County Airport is located approximately one mile northeast of the college's main campus.</li> <li>The college has worked with Moore County Airport Authority to determine the viability of the program within the college's service area. The Airport Authority, local industry, military veterans, and potential employers were very supportive of the program.</li> <li>There are limited programs of this nature in operation across the state, none within the Sandhill's region.</li> </ul>
<b>September 15, 2017</b>		
Brunswick CC	Criminal Justice Technology (A55180)	<ul style="list-style-type: none"> <li>The U.S. Bureau of Labor Statistics indicated that employment opportunities for police and detectives are expected to increase 4% between 2014-24 and private investigators by 5%.</li> <li>BCC surveyed local employers who projected there would be 26 positions available between 2018-21 with entry-level earnings between \$28-44,000 annually. Employers indicated that advancement within their agencies were highly dependent upon ongoing education and overall educational achievement.</li> <li>The City of Boiling Springs Police Department, Oak Island Police Department, and Sunset Beach Police Department submitted letters of support in favor of the Criminal Justice Technology program.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>September 15, 2017 (Continued)</b>		
Brunswick CC	Criminal Justice Technology (A55180) (Continued)	<ul style="list-style-type: none"> <li>BCC surveyed local area high schools and students currently attending BCC regarding interest in attending the Criminal Justice Technology program. Ninety-six students indicated interest in attending the program.</li> <li>Brunswick County has been identified as the 2nd fastest growing county within the state and the 53rd fastest growing county within the country that will require additional public safety support to manage a growing population.</li> <li>BCC currently offers a successful Basic Law Enforcement Training (BLET) program that has a sound partnership with law enforcement agencies locally, within the county, and across the state including the NC Highway Patrol. The Criminal Justice Technology program will provide an appropriate ongoing educational pathway that aligns with and builds upon the BLET program.</li> </ul>
Fayetteville Technical CC	Ophthalmic Surgical Assistant (Certificate) (C45880)*	<ul style="list-style-type: none"> <li>Local Ophthalmologists have expressed the need for the Ophthalmic Surgical Assistant (OSA) program. OSAs will have the needed credentials to be able to scrub and assist during ophthalmic surgical procedures. Currently, this role is being performed by surgical technologists. However, many surgical technologists do not wish to specialize in the field of Ophthalmology.</li> <li>According to the Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) in March 2016, there were 689 OSAs in the United States.</li> <li>In December 2014, PayScale.com reported ophthalmic surgical assistants annually earned between \$30,677 to \$57,746.</li> <li>FTCC surveyed Cape Fear Eye Associates, Carolina Vision Center, and the Eye Surgery Center of the Carolinas regarding the proposed program. The three employers were supportive of the program and indicated a need for OSA at their agencies. They also indicated that they had twenty-three current employees that would be interested in completing the OSA program.</li> <li>A local Ophthalmologist wrote: <i>We are in full support of a dedicated Ophthalmic Surgical Assistant training program to help fill the need in Cumberland County and surrounding areas. As the largest practice in Cumberland County, we operate at the two-main outpatient surgical facilities in Fayetteville: Highsmith Rainey Specialty Hospital and Fayetteville Ambulatory Surgery Center.</i></li> </ul> <p>FTCC plans to offer the didactic portion of the Ophthalmic Surgical Assistant (Certificate) program online with evening laboratory classes.</p>
<b>October 20, 2017</b>		
Craven CC	Mechatronics Engineering Technology (A40350)	<ul style="list-style-type: none"> <li>The U.S. Bureau of Labor Statistics suggests that there are approximately 120 mechatronic technician jobs available statewide.</li> <li>Nationally, mean hourly wages for mechatronic technicians is \$27.08/hour and \$56,320 annually.</li> <li>A key concern for local industries including the Marine Corps Air Station Cherry Point, the Fleet Readiness Center, Bosch Corporation, Moen, and Weyerhaeuser, is locating and retaining individuals with critical skill sets closely aligned to those that will be taught within the proposed mechatronics program.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>October 20, 2017 (Continued)</b>		
Craven CC	Mechatronics Engineering Technology (A40350) (Continued)	<ul style="list-style-type: none"> <li>The college has received letters of support from Eastern Carolina Workforce Development Board, Craven County Schools, and Craven 100 Alliance (Craven County Economic Development).</li> <li>During a Joint Industry Partner meeting, local companies suggested that there were immediate and future employment opportunities for graduates of a mechatronics program.</li> <li>CCC has worked with the local school system to develop a mechatronics pathway that is expected to funnel approximately 20% of the 100 students per year who have shown an interest in the program.</li> <li>The college expects that out of the large cohort of students engaged in local secondary programs, that at a minimum between 14-18 students are expected to enroll in the program annually through Career and College Promise or traditional programming.</li> </ul>
Nash CC	Health and Fitness Science (A45630)	<ul style="list-style-type: none"> <li>In June 2017, an advisory committee composed of external and internal stakeholders met and expressed overwhelming support for the development of the Health and Fitness Science program.</li> <li>The aging baby boomer generation will require increased physical care. Wellness- related careers will help meet this need. Recent changes in the country's health care industry are also driving the need for these careers because patients are expected to change their behavior/lifestyle related to their overall wellness. Job growth in this field is expected to grow thirteen percent over the next decade.</li> <li>In 2012, the NC Nutrition and Physical Activity Surveillance System reported more than thirty percent of the children in Nash County were overweight or obese.</li> <li>The city manager for Rocky Mount notes, "The City of Rocky Mount Parks and Recreation Department employs hundreds of full-time and part-time employees who help deliver health, wellness, and fitness programs and activities to the public. The future openings of Downtown Event Center will provide another facility to deliver more health, wellness and fitness programming."</li> <li>The President and CEO at Nash UNC Health Care provided a letter of support to NCC that indicated, <i>Healthcare related careers, beyond doctors and nurses, such as wellness coaches, diet and nutrition specialists, health and wellness consultants, lifestyle coaches, and healthcare management advocates are becoming more important and more crucial in supporting a healthier and more active lifestyle for our community. There is a demand for professionals with the skills, understanding, and expertise to meet the needs of citizens who are focused on care and prevention, not just management and treatment of chronic illness.</i></li> <li>The Parks, Recreation, and Cultural Resources Department director for Nashville noted, "Parks and Recreation professionals have noticed a shift in recent years from active play and lifestyles to a more sedentary lifestyle. Training more professionals to help combat obesity, sitting-disease, and an overall shift away from inactive lifestyles will only benefit residents of the Town of Nashville, Nash County, and eastern NC.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>October 20, 2017 (Continued)</b>		
Nash CC	Health and Fitness Science (A45630) (Continued)	<ul style="list-style-type: none"> <li>The Director of Career and Technical Education for the Nash-Rocky Mount Public Schools in her letter of support noted, <i>Partnering with NCC in these efforts will provide rigorous and relevant pathways for students to explore health related career pathways and begin pursuing credentials needed to enter the field.</i></li> <li>NCC surveyed high school students in the eleventh and twelfth grade and noted that fifty-two percent were interested in health, fitness, and wellness careers.</li> <li>NCC has had initial conversations with East Carolina, NC Wesleyan and Barton College on developing articulation agreements which would allow graduates of NCC's program to transition into their exercise science and health and wellness programs.</li> </ul>
<b>November 17, 2017</b>		
Cape Fear CC	Human Services Technology/ Substance Abuse (A4538E)	<ul style="list-style-type: none"> <li>According to the US Bureau of Labor and Statistics, the national employment growth rate for medical assistants is 23% from 2014 to 2024. The growth rate is primarily being driven by the care needs of the nation's aging population.</li> <li>It is noted in the Southeast Region Occupational Projections Data from the NC Department of Commerce; Medical Assisting is projected to have an employment growth rate of 35.8% from 2012 to 2022. This growth is projected to include 619 new positions in this area, with an average of 95 new openings per year.</li> <li>CFCC's service area of New Hanover and Pender counties includes a significant number of retirement communities and the area's largest healthcare sector, will likely account for a major portion of the need for additional medical assistants.</li> <li>According to Indeed.com in September 2017, 74 medical assistant positions were open in the Wilmington area.</li> <li>The Vice President of the New Hanover Regional Medical Center (NHRMC) Physicians Group indicated: Healthcare providers in southeastern NC are in a need of medical assistants, with the region's growing population of retirees creating increased demands on providers' client care and administrative functions. The NHRMC Physicians Group is composed of more than 230 health care providers located in more than 40 locations within CFCC's service area.</li> <li>In a letter of support from the Director of Marketing and Public Relations at New Hanover Regional Medical Center it was noted, there is a real need in our area for more professionals with this training, and I am confident that such a program will prove beneficial for our community.</li> </ul>
Cape Fear CC	Medical Assisting (A45400)	<ul style="list-style-type: none"> <li>According to the US Bureau of Labor and Statistics, the national employment growth rate for medical assistants is 23% from 2014 to 2024. The growth rate is primarily being driven by the care needs of the nation's aging population.</li> <li>It is noted in the Southeast Region Occupational Projections Data from the NC Department of Commerce; Medical Assisting is projected to have an employment growth rate of 35.8% from 2012 to 2022. This growth is projected to include 619 new positions in this area, with an average of 95 new openings per year.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>November 17, 2017 (Continued)</b>		
Cape Fear CC	Medical Assisting (A45400) (Continued)	<ul style="list-style-type: none"> <li>CFCC's service area of New Hanover and Pender counties includes a significant number of retirement communities and the area's largest healthcare sector, will likely account for a major portion of the need for additional medical assistants.</li> <li>According to Indeed.com in September 2017, 74 medical assistant positions were open in the Wilmington area.</li> <li>The Vice President of the New Hanover Regional Medical Center (NHRMC) Physicians Group indicated: Healthcare providers in southeastern NC need medical assistants, with the region's growing population of retirees creating increased demands on providers' client care and administrative functions. The NHRMC Physicians Group is composed of more than 230 health care providers located in more than 40 locations within CFCC's service area.</li> <li>In a letter of support from the Director of Marketing and Public Relations at New Hanover Regional Medical Center it was noted, <i>there is a real need in our area for more professionals with this training, and I am confident that such a program will prove beneficial for our community.</i></li> </ul>
Central Carolina CC	Medical Sonography (A45440)	<ul style="list-style-type: none"> <li>According to the US Bureau of Labor and Statistics, the national employment growth rate for diagnostic medical sonographers is 26% from 2014 to 2024. As the large baby-boom population ages, the need to diagnose medical conditions such as blood clots and heart disease will likely increase. Ultrasound is often less expensive than other imaging technologies and is often used as a first-line tool for diagnosis. Third-party payers encourage the use of these noninvasive measures over invasive ones to save on costs.</li> <li>According to the NC Department of Commerce Labor Economic Analysis, diagnostic medical sonographers is one of the top ten jobs for the state, and is considered a five-star job, meaning it has the highest projected growth rate and projected job openings in the college's local region of Raleigh/Durham and Fayetteville/Lumberton.</li> <li>According to O*Net, the need for diagnostic medical sonographers in NC will increase from 1,930 in 2014 to 2,590 in 2024, at an increase of 34%, and the annual projected job openings are 100 jobs.</li> <li>According to Indeed.com on September 27, 2017, there were 74 full-time job openings for diagnostic medical sonographers within a 100-mile radius of Sanford, North Carolina. Fifty-six of the 74 full-time job openings were entry-level positions.</li> <li>At the Diagnostic Medical Sonography Planning meeting, the CEO of the Central Carolina Hospital indicated: <i>The sonography program should be the number one program to focus on in their service area. We have four hospitals that have been wanting to pursue this program since 2014.</i> Central Carolina Hospital is partners with Life Point. The "total" Duke Life Point system sonography vacancies in NC are 35 and 3 of these vacancies are at Central Carolina Hospital.</li> <li>CCCC received letters of support from the Associate Dean for Clinical Integration/Professor of Emergency Medicine at Campbell University School of Osteopathic Medicine, the CEO at Central Carolina Hospital, the President at Chatham Hospital UNC Health Care, and the President at Harnett Health System.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>November 17, 2017 (Continued)</b>		
Nash CC	Fire Protection Technology (A55240)	<ul style="list-style-type: none"> <li>The U.S. Department of Labor has estimated that from 2012-22 there will be 9-10% growth nationally in fire services including first-line supervisors and protective service workers, fire fighting and prevention workers, and firefighters.</li> <li>According to NC Department of Commerce, there are approximately 36,000 people employed in the fire protection sector statewide with a median salary of \$55,000 per year.</li> <li>Nash County has found it necessary to expand fire services by moving to a combination model of career and voluntary firefighters to achieve round-the-clock emergency coverage. This requires staffing approximately 131 positions which represents a large personnel increase to meet coverage requirements within the county. Rocky Mount Fire Department indicated that they expect to require approximately 30 new hires over the next five years.</li> <li>Nash CC has successfully offered an Emergency Management program for over a decade and have been prompted by the City of Rocky Mount Fire Department and Nash-Rocky Mount Public School system to expand the public safety program to include Fire Protection Technology. Student interest in public safety programs has been excellent.</li> <li>Nash County, Rocky Mount, and Nashville Fire departments see the program as an opportunity for ongoing incumbent employee education and professional development that has been tied to promotions and required, at the associate degree level, for the position of captain or higher.</li> <li>A letter of support for the program was received from the Nash County Volunteer Fire and rescue Association, and the City of Rocky Mount Fire Department.</li> <li>The college will offer the program completely online to make the instruction readily accessible to professionals already working in the field and face-to-face through the Career and College Promise dual enrollment program so that monitoring of student success will be more proficient for a younger audience not necessarily used to the rigor of college coursework.</li> <li>The cost of the program is expected to be minimal since the Fire Protection Technology program can be considered an expansion of current course offerings already being taught through emergency management and through comprehensive continuing education fire services coursework which includes 101 students enrolled in public safety in 2017.</li> </ul>
Sandhills CC	Fire Protection Technology (A55240)	<ul style="list-style-type: none"> <li>The U.S. Bureau of Labor Statistics Occupational Network anticipates a 10% growth increase in employment opportunities over the next ten years nationally.</li> <li>State-wide entry-level wages for individuals employed with the fire protection community, including fire fighters, fire inspectors and investigators, and supervisors of firefighting and prevention, is between \$22,000 and \$40,000 annually.</li> <li>The college surveyed potential local employers to determine their employment needs. Employers anticipated that they would require between 10-11 employees annually.</li> </ul>



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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>November 17, 2017 (Continued)</b>		
Sandhills CC	Fire Protection Technology (A55240) (Continued)	<ul style="list-style-type: none"> <li>According to NC Department of Commerce, there are approximately 36,000 people employed in the fire protection sector statewide.</li> <li>The college currently operates a successful fire protection education program in continuing education which houses appropriate training facilities, including a burn building and four-story training tower. The college has a mutual aid agreement with all fire departments in its service area that allows access to various equipment, including fire trucks, that are used for training purposes.</li> <li>SCC surveyed potential students and determined that there was significant enrollment potential to support annual enrollment in the program between 30-40 students.</li> </ul>
Wake Technical CC	Healthcare Simulation Technology (A45xxx)	<ul style="list-style-type: none"> <li>In January-February 2017, WTCC conducted a market research survey to assess the need and viability of a Healthcare Simulation Technology program. They conducted phone and/or in-person surveys with nine employers in the county. The survey identified two hundred and fifty-one healthcare educators that currently utilize simulation in their classes. WTCC reported that the nine interviewed employers projected to hire thirty-five staff in the next two years and thirty-seven staff within the next five years.</li> <li>In August 2017, WTCC surveyed a cross-section of two hundred and three students within the Emergency Medical Science, Dental Hygiene, Radiography and Nursing programs to determine their interest in completing a degree in the Healthcare Simulation Technology field. Sixty-two percent of the students indicated an interest in the program and forty-six percent indicated an interest in completing a degree.</li> <li>WTCC notes there are numerous medical schools, teaching hospitals and EMS providers that would support employment for students graduating from a Healthcare Simulation Technology program.</li> <li>In 2000, the first mass-produced high-fidelity simulation mannequins were introduced to healthcare educators. The SimMan revolutionized the method by which doctors, nurses, paramedics, radiologists, respiratory therapists, and other practitioners trained/educated students. The utilization of simulation has grown at an extraordinary rate in the field.</li> <li>It was noted in the Agency for Healthcare Research and Quality (ARHQ) 2017, <i>Simulation allows healthcare practitioners to acquire the skills and valuable experience they need safely, in a variety of clinical settings, without putting patients at risk.</i></li> </ul>
Wilson CC	Biotechnology (A20100)	<ul style="list-style-type: none"> <li>The largest industry sector in Wilson is manufacturing. There are ninety manufacturers within the county which includes: pharmaceuticals, automotive parts, aerospace, packaging, food preparation and the tire industry.</li> <li>Merck, Sandoz, Fresenius-Kobi and Purdue are the four major pharmaceutical manufacturers in Wilson County. In meetings with WCC, they indicated a shortfall of technical level workers to meet their employment needs and are seeking ways to increase their qualified applicant pool. Specifically, they indicated a significant need for skilled workers in the areas of production, the warehouse, and in the laboratory.</li> <li>According to the NC Department of Commerce, although manufacturing is expected to see a decline in jobs in the next ten years, pharmaceutical manufacturing is expected to see an increase during the same time.</li> </ul>

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

Community College (CC)	Curriculum Title and Code	Rationale for Approval
<b>November 17, 2017 (Continued)</b>		
Wilson CC	Biotechnology (A20100) (Continued)	<ul style="list-style-type: none"> <li>According to the June 2017 Pharmaceutical Research and Manufacturers of America (PhRMA) and TEconomy Partners, LLC report, <i>companies should design curriculums in collaborations with technical and community colleges</i>. The report supports the need to develop a talent pipeline to meet the needs of the pharmaceutical industry.</li> <li>Wilson's pharmaceutical manufacturing facilities employ over 800 workers with an average hourly wage of \$20.00. According to the US Bureau of Labor Statistics, the median annual wage for pharmaceutical tech workers is \$45,840 (or \$22.00/hour) in 2016.</li> <li>In Fall 2016, WCC and Wilson County Schools partnered to start an early college with a focus on technical programs. The advisory committee for the early college has expressed the need to include a pathway in biotechnology.</li> <li>In Spring 2017, WCC surveyed high school and current community college students to determine if there is an interest in Biotechnology. Forty-one percent of the students surveyed indicated they are interested in enrolling in this program.</li> <li>In Spring 2017, WCC surveyed high school and current community college students to determine if there is an interest in Biotechnology. Forty-one percent of the students surveyed indicated they are interested in enrolling in this program.</li> </ul> <p>From Fall 2007 to Fall 2017, WCC and Pitt Community College had an Instructional Service Agreement (ISA) III for the Biotechnology program.</p>

*\*New to the System Program*

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

Community College	Curriculum Title and Code
<b>January 2017</b>	
Cape Fear Community College	Nurse Aide (Diploma) (D45970)**
Cape Fear Community College	Phlebotomy (Diploma) (D45950)**
Fayetteville Technical CC	Industrial Systems Technology (A50240)
<b>February 2017</b>	
Edgecombe Community College	Entrepreneurship (A25490)
Richmond Community College	Early Childhood Administration (Certificate) (C55850)
Richmond Community College	Early Childhood Preschool (Certificate) (C55860)
<b>March 2017</b>	
Johnston Community College	Early Childhood Administration (Certificate) (C55850)
Johnston Community College	Early Childhood Preschool (Certificate) (C55860)
Johnston Community College	Phlebotomy (Diploma) (D45950)**
Rockingham CC	Associate in General Education (AGE) (A10300)
<b>April 2017</b>	
Alamance Community College	Early Childhood Administration (Certificate) (C55850)
Alamance Community College	Early Childhood Preschool (Certificate) (C55860)
Lenoir Community College	Associate in Fine Arts in Music (A10700)
Lenoir Community College	Associate in Fine Arts in Visual Arts (A10600)
Piedmont Community College	Associate in Fine Arts in Visual Arts (A10600)
Rowan-Cabarrus CC	Emergency Medical Science (Diploma) (D45910)**
Rowan-Cabarrus CC	Nurse Aide (Diploma) (D45970)**
Rowan-Cabarrus CC	Therapeutic Massage (Diploma) (D45960)**
Stanly Community College	Early Childhood Administration (Certificate) (C55850)
Stanly Community College	Early Childhood Preschool (Certificate) (C55860)
Surry Community College	Early Childhood Administration (Certificate) (C55850)
<b>May 2017</b>	
Bladen Community College	Associate in General Education—Nursing (A1030N)*
Blue Ridge Community College	Associate in General Education—Nursing (A1030N)*
Catawba Valley CC	Associate in General Education—Nursing (A1030N)*
College of The Albemarle	Associate in General Education—Nursing (A1030N)*
Craven Community College	Associate in General Education—Nursing (A1030N)*
Davidson County CC	Associate in General Education—Nursing (A1030N)*
Edgecombe Community College	Associate in General Education—Nursing (A1030N)*
Gaston College	Associate in Fine Arts in Visual Arts (A10600)
Haywood Community College	Early Childhood Administration (Certificate) (C55850)
Haywood Community College	Early Childhood Preschool (Certificate) (C55860)
James Sprunt Community College	Associate in General Education—Nursing (A1030N)*
Mayland Community College	Associate in General Education—Nursing (A1030N)*
McDowell Technical CC	Associate in General Education—Nursing (A1030N)*
McDowell Technical CC	Early Childhood Administration (Certificate) (C55850)
McDowell Technical CC	Infant/Toddler Care (Certificate) (C55290)

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

Community College	Curriculum Title and Code
<b>May 2017 (Continued)</b>	
Mitchell Community College	Associate in General Education—Nursing (A1030N)*
Nash Community College	Associate in General Education—Nursing (A1030N)*
Piedmont Community College	Associate in General Education—Nursing (A1030N)*
Roanoke-Chowan CC	Associate in General Education—Nursing (A1030N)*
Robeson Community College	Associate in General Education—Nursing (A1030N)*
Rockingham Community College	Associate in General Education—Nursing (A1030N)*
Sampson Community College	Associate in General Education—Nursing (A1030N)*
Southeastern Community College	Associate in General Education—Nursing (A1030N)*
Stanly Community College	Associate in General Education—Nursing (A1030N)*
Western Piedmont CC	Cosmetology Instructor (Certificate) (C55160)
Western Piedmont CC	Early Childhood Preschool (Certificate) (C55860)
Western Piedmont CC	Manicuring Instructor (Certificate) (C55380)
Western Piedmont CC	Manicuring/Nail Technology (Certificate) (C55400)
<b>June 2017</b>	
Alamance Community College	Associate in General Education—Nursing (A1030N)*
Beaufort County CC	Associate in General Education—Nursing (A1030N)*
Cape Fear Community College	Associate in General Education—Nursing (A1030N)*
Central Carolina CC	Associate in General Education—Nursing (A1030N)*
Fayetteville Technical CC	Associate in General Education—Nursing (A1030N)*
Gaston College	Associate in General Education—Nursing (A1030N)*
Guilford Technical CC	Associate in General Education—Nursing (A1030N)*
Lenoir Community College	Associate in General Education—Nursing (A1030N)*
Richmond Community College	Associate in Fine Arts in Visual Arts (A10600)
South Piedmont CC	Associate in General Education—Nursing (A1030N)*
Surry Community College	Associate in General Education—Nursing (A1030N)*
Wayne Community College	Associate in General Education—Nursing (A1030N)*
Western Piedmont CC	Associate in General Education—Nursing (A1030N)*
<b>July 2017</b>	
Caldwell CC & Technical Institute	Associate in General Education—Nursing (A1030N)*
Central Carolina CC	Early Childhood Administration (Certificate) (C55850)
Central Carolina CC	Early Childhood Preschool (Certificate) (C55860)
Central Carolina CC	School-Age Care (Certificate) (C55450)
Central Piedmont CC	Early Childhood Administration (Certificate) (C55850)
Central Piedmont CC	Early Childhood Preschool (Certificate) (C55860)
Davidson County CC	Early Childhood Administration (Certificate) (C55850)
Davidson County CC	Early Childhood Preschool (Certificate) (C55860)
Fayetteville Technical CC	Early Childhood Administration (Certificate) (C55850)
Fayetteville Technical CC	Early Childhood Preschool (Certificate) (C55860)

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

Community College	Curriculum Title and Code
<b>July 2017 (Continued)</b>	
Isothermal Community College	Early Childhood Administration (Certificate) (C55850)
Isothermal Community College	Early Childhood Preschool (Certificate) (C55860)
Johnston Community College	Associate in General Education—Nursing (A1030N)*
Lenoir Community College	Early Childhood Preschool (Certificate) (C55860)
Lenoir Community College	Industrial Systems Technology (A50240)
Roanoke-Chowan CC	Emergency Medical Science (Diploma) (D45910)**
Roanoke-Chowan CC	Nurse Aide (Diploma) (D45970)**
Southeastern CC	Medical Office Administration (A25310)
Southwestern CC	Early Childhood Administration (Certificate) (C55850)
Southwestern CC	Early Childhood Preschool (Certificate) (C55860)
<b>August 2017</b>	
Carteret Community College	Associate in General Education—Nursing (A1030N)*
Southeastern CC	Criminal Justice/Forensic Science (A5518C)
<b>September 2017</b>	
Cleveland Community College	Early Childhood Preschool (Certificate) (C55860)
Craven Community College	Industrial Systems Technology (A50240)
Sandhills Community College	Associate in General Education—Nursing (A1030N)*
<b>October 2017</b>	
Alamance Community College	Associate in Fine Arts in Music (A10700)^
Alamance Community College	Associate in Fine Arts in Visual Arts (A10600)^
<b>November 2017</b>	
Carteret Community College	Welding Technology (A50420)
Robeson Community College	Early Childhood Administration (Certificate) (C55850)
Robeson Community College	Early Childhood Preschool (Certificate) (C55860)
Robeson Community College	Infant/Toddler Care (Certificate) (C55290)
Robeson Community College	School-Age Care (Certificate) (C55450)

*\*Represents a new-to-the-system program (Associate in General Education-Nursing (A1030N))*

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

**Appendix C: Instructional Service Agreements (Level III)  
By Month of Approval**

<b>Curriculum Title and Code</b>	<b>Host College</b>	<b>Participating College</b>
Emergency Medical Science (A45340)	Pitt CC	Beaufort County CC
Health Information Technology (A45360)	Pitt CC	Richmond 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.*

*There was **two** new Level III ISAs approved for 2017.*

<b>Appendix D: Curriculum Program Terminations by Date of Information to the State Board of Community Colleges</b>		
<b>Community College (CC)</b>	<b>Curriculum Title and Code</b>	<b>College Rationale for Termination</b>
<b><i>January 20, 2017</i></b>		
Bladen CC	School-Age Education (A55440)	Low enrollment: Students have not selected School-Age Education as a program that addresses their educational needs. Instead, students choose to enroll in the Early Childhood Education program.
College of The Albemarle	Industrial Systems Technology (A50240)	No enrollment for over two years: There are few industries in the region and therefore few job opportunities for program completers. Two colleges in contiguous counties have approval for the program and have been able to provide instruction for the low number of interested students.
Haywood CC	Entrepreneurship (A25490)	Low Enrollment for two or more years: The program content has been consolidated into the Business Administration program and the Small Business Center.
Haywood CC	School-Age Education (A55440)	Low enrollment: The current labor market in NC has been eliminating teacher assistants over the past few years. The program has experienced low enrollment for the past several years due to limited job opportunities in the local area.
Randolph CC	Phlebotomy (Certificate) (C45600)	No enrollment for over two years: The college offers courses through continuing education to meet community and workforce needs.
Rockingham CC	Professional Arts and Crafts: Sculpture (A30290)	Low Enrollment: There was a lack of student interest in the program. The college will offer courses through continuing education to meet community needs.
Rockingham CC	Professional Crafts: Clay (A30300)	No enrollment for over two years: There was a lack of student interest in the program. The college will offer courses through continuing education to meet community needs.
South Piedmont CC	Baking and Pastry Arts (A55130)	No enrollment: The program was terminated due to low student enrollment and the high cost of offering the program.
Southeastern CC	Environmental Science Technology (A20140)	Low Enrollment: There are insufficient funds to continue programs with limited student enrollment.

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

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<b>January 20, 2017 (Continued)</b>		
Southeastern CC	Forestry Management Technology (A15200)	Low Enrollment: Job placement has been limited due to changing workforce needs within the service area.
Southeastern CC	Invasive Species Management Technology (A20240)	Low Enrollment: Student demand was insufficient to support the program. The College can provide classes as needed through continuing education.
Southeastern CC	Pharmacy Technology (A45580)	Low Enrollment: Local chain pharmacies provide on the job training programs for employees that prepare them for initial certification. The college is able to provide the instruction through continuing education.
Southeastern CC	Sustainability Technologies (A40370)	No enrollment: There was a lack of student interest resulting in insufficient enrollment to support the program. Sustainability concepts have been included in the electrical engineering technology program.
Southeastern CC	Therapeutic Massage (A45750)	Low Enrollment: There were insufficient employment opportunities for graduates in the service area.
Vance-Granville CC	Entrepreneurship (A25490)	Low Enrollment for two or more years: There was insufficient student interest and a low completion rate for the program. The program content has been consolidated into the Business Administration program.
<b>February 17, 2017</b>		
Blue Ridge CC	Manicuring/Nail Technology (Certificate) (C55400)	No enrollment for two or more years. Due to changes in the industry, employers are hiring those with a full cosmetology license which encompasses all areas of the industry.
Blue Ridge CC	Plumbing (Diploma) (D35300)	No enrollment for two or more years. The largest employer of graduates from the plumbing program went out of business due to the decline in the housing market a few years ago. The remaining smaller shops expressed more interest with hiring individuals with short-term training and certifications, therefore, the college has moved the program to continuing education.



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

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<b>February 17, 2017 (Continued)</b>		
Caldwell CC & TI	Truck Driver Training (Certificate) (C60300)	No enrollment for two or more years. The college has successfully transitioned the truck driver training program fully from curriculum to continuing education which has proven to be more fluid and supportive of student scheduling challenges.
Gaston College	School-Age Care (Certificate) (C55450)	No enrollment for two or more years. Students are not applying for this certificate due to the reduction in available teacher assistant positions.
Mitchell CC	Phlebotomy (Certificate) (C45600)	No enrollment for over two years. The college had difficulty finding sufficient clinical sites for the students. The college will offer courses through continuing education to meet community and workforce needs.
Mitchell CC	School-Age Education (A55440)	No enrollment for over two years. Lack of student interest. Students choose to enroll in the Early Childhood Education program instead of the School-Age Education program.
South Piedmont CC	General Occupational Technology (A55280)	No enrollment for over two years. Students prefer to enroll in the Associate in General Education degree program, which allows them to take courses tailored to their individual occupational interests.
<b>March 17, 2017</b>		
College of The Albemarle	Mechanical Engineering Technology (A40320)	Declining enrollment due to limited job opportunities for program completers. The college is phasing out the program in favor of its recently added Computer-Aided Drafting program to better meet industry needs and student interest.
Craven CC	Computer Engineering Technology (A40160)	No enrollment for over two years: The curriculum was phased out and replaced by the Information Technology program.
Isothermal CC	Healthcare Management Technology (A25200)	Low Enrollment: The program content has been consolidated into the Medical Office Administration program.

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

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<b><i>March 17, 2017 (Continued)</i></b>		
Sandhills CC	Practical Nursing (Diploma) (D45660)	No enrollment for over two years: There was limited student interest due to insufficient employment opportunities within the college's service area. Resources for the program have been channeled to the Associate Degree Nursing program.
Western Piedmont CC	School-Age Care (Certificate) (C55450)	No enrollment for two or more years. Students are enrolling in other local certificates which are better suited to meet their needs.
<b><i>April 21, 2017</i></b>		
Alamance CC	Esthetics Instructor (Certificate) (C55270)	No enrollment for over two years: There has been no demand for this program locally.
Wilson CC	Automotive Light-Duty Diesel Technology (Diploma) (D60430)	No enrollment for over two years: The program was never implemented due to lack of employer demand for graduates and no student enrollment. Students can obtain broad diesel competencies within the college's Automotive Systems Technology (A60160) program.
<b><i>May 19, 2017</i></b>		
Central Carolina CC	Occupational Education Associate (A55320)	No enrollment: The program wasn't implemented due to a change in college priorities which included the ability to meet the local need for lateral entry teachers by offering courses as electives in the early childhood program.
Cleveland CC	Real Estate (A25400)	No Enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The college will offer real estate instruction through continuing education if there is a need for it in the future.
Coastal Carolina CC	Infant/Toddler Care (Certificate) (C55290)	No enrollment for two or more years: Students are choosing to enroll in the Early Childhood Associate Degree or diploma.
Coastal Carolina CC	School-Age Care (Certificate) (C55450)	No enrollment for two or more years: Local schools have stopped offering after-school care options. Therefore, there are no employment opportunities locally.

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

<b>Community College (CC)</b>	<b>Curriculum Title and Code</b>	<b>College Rationale for Termination</b>
<b><i>May 19, 2017 (Continued)</i></b>		
Craven CC	Pharmacy Technology (A45580)	The college is unable to sustain enrollment in the Pharmacy Technology program since a degree is not a requirement to take the National Certification Exam curriculum. The college does offer courses through continuing education to meet community and workforce needs.
Edgecombe CC	Esthetics Instructor (Certificate) (C55270)	No enrollment for two or more years: A lack of need for certified instructors in this field led to no enrollment.
Edgecombe CC	Horticulture Technology (A15240)	No enrollment for over two years: The lack of job opportunities and use of unskilled labor resulted in a steady downward trend in enrollment.
Edgecombe CC	Manicuring/Nail Technology (Certificate) (C55400)	No enrollment for two or more years: Students are choosing to enroll in the Cosmetology program instead of the Manicuring certificate program.
James Sprunt CC	Automotive Systems Technology (A60160)	No enrollment for two or more years: The college only offered the program at the Duplin Correctional Center which was closed in August of 2013.
James Sprunt CC	Culinary Arts (A55150)	No enrollment for two or more years: The program initially supported the Foods Service Technology program in the local correctional facility. The correctional facility has now closed and there is no demand for the traditional program in the local area.
James Sprunt CC	Masonry Diploma) (D35280)	No enrollment for two or more years: The college only offered the program at the Duplin Correctional Center which was closed in August of 2013.
Mayland CC	Associate in General Education (A10300)	No enrollment for over two years: The college intends to utilize the General Occupational Technology program instead of the Associate in General Education.
Mayland CC	Collision Repair and Refinishing Technology (A60130)	No enrollment for over two years: There has been no demand for this program locally.

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

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<b>May 19, 2017 (Continued)</b>		
Mayland CC	Electrical Systems Technology (A35130)	No enrollment for over two years: There has been no demand for this program locally. The college will offer components of the program under continuing education.
Mayland CC	Industrial Systems Technology (A50240)	No enrollment for over two years: There has been no demand for this program locally. The college will offer components of the program under continuing education.
Mayland CC	Office Administration (A25370)	No Enrollment for two or more years: There were insufficient employment opportunities for graduates in the service area. The college will offer office administration courses under the Business Administration program if there is a future need.
Mayland CC	Small Engine and Equipment Repair (Diploma) (D60280)	No enrollment for over two years: There has been no demand for this program locally. The college will offer components of the program under continuing education.
McDowell Technical CC	Manicuring Instructor (Certificate) (C55380)	No enrollment for two or more years: There has not been the need for additional manicuring technology instructors in the local area. Cosmetology instructors can teach the content as needed.
Montgomery CC	Infant/Toddler Care (Certificate) ( )	No enrollment for two or more years: Students are choosing to enroll in the Early Childhood Associate Degree.
Montgomery CC	Lateral Entry (Certificate) (C55430)	No enrollment for two or more years: Lack of interest in the program in the local area.
Rockingham CC	Criminal Justice Technology/Financial Crime/Computer Fraud (A5518B)	Low enrollment: There was limited student interest due to insufficient employment opportunities within the college's service area. Some of the content been consolidated into the Criminal Justice program.
Rockingham CC	Infant/Toddler Care (Certificate) (C55290)	No enrollment for two or more years: Students are choosing to enroll in the Early Childhood Associate Degree.
Southeastern CC	Lateral Entry (Certificate) (C55430)	No enrollment for two or more years: Interested individuals work with the local school system to obtain the training needed to seek initial licensure.

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

<b>Community College (CC)</b>	<b>Curriculum Title and Code</b>	<b>College Rationale for Termination</b>
<b><i>May 19, 2017 (Continued)</i></b>		
Stanly CC	Automotive Systems Technology (A60160)	No enrollment for two or more years: The college currently has no equipment or instructors to support the program as well as no expressed employer demand for graduates within the college service area.
Stanly CC	Esthetics Technology (Certificate) (C55230)	No enrollment for two or more years: There was a lack of local employer demand.
Stanly CC	Lateral Entry (Certificate) (C55430)	No enrollment for two or more years: Students needing lateral entry courses generally need only a few 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.
Stanly CC	Telecommunications and Network Engineering Technology (A40400)	No enrollment for two or more years: The curriculum is being phased out and current job demand is being met under the Information Technology program.
<b><i>July 21, 2017</i></b>		
Alamance CC	Mechanical Drafting Technology (A50340)	The college has been moving students into their recently approved Computer-Aided Drafting program which serves as a replacement for this program.
Central Carolina CC	Associate in General Education (A10300)	No enrollment for over two years: There has not been any local workforce demand for this degree. Any required courses are available through other curriculum programs.
Fayetteville Technical CC	Therapeutic Massage (A45750)	No enrollment for over two years: The college never offered the program through curriculum. The college determined that the space planned for the program would be needed to expand their Cosmetology program. In 2012, they began offering massage therapy through continuing education to meet workforce needs.
Forsyth Technical CC	Landscape Gardening (A15260)	No enrollment for over two years: There are insufficient employment opportunities for graduates within the service area. The college has incorporated the program's content into their Horticulture Technology program.

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

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<b>July 21, 2017 (Continued)</b>		
Forsyth Technical CC	Recreational Vehicle Maintenance and Repair Technology (Diploma) (D60310)	No enrollment for over two years: There have been insufficient employment opportunities for program graduates due to the slow rebound in the economy. The college will provide related training in their heavy equipment transportation program.
Guilford Technical CC	Occupational Education Associate (A55320)	No enrollment for over two years: Students are working with the Regional Alternative Licensing Centers (RALC) to obtain the necessary coursework for their lateral entry degree. Some students still attend the college for this coursework, but are entering as a visiting student instead of enrolling in this program.
Haywood CC	General Occupational Technology (A55280)	No enrollment for over two years: Students are now advised to enroll in the Associate in Arts or Science programs.
Johnston CC	Greenhouse and Grounds Maintenance (Certificate) (C15220)	No enrollment for over two years: The program was previously offered through the college's mental health department for students with special needs. Funding for the program was discontinued.
Lenoir CC	Cosmetology Instructor (Certificate) (C55160)	No enrollment for over two years: There was a lack of student interest for the curriculum program. This program will be provided through continuing education.
Lenoir CC	Dietetic Technician (A45310)	No enrollment for over two years: The college can meet community workforce needs through a Level III Instructional Service Agreement with another college.
Mayland CC	Cosmetology Instructor (Certificate) (C55160)	No enrollment for over two years: There was a lack of student interest due to limited job opportunities in the area.
Mayland CC	Emergency Medical Science (A45340)	No enrollment for over two years: The college never implemented the program through curriculum. The college offers courses through continuing
Mayland CC	Esthetics Instructor (Certificate) (C55270)	No enrollment for over two years: There was a lack of student interest due to limited job opportunities in the area.

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

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<b>July 21, 2017 (Continued)</b>		
Mayland CC	Esthetics Technology (Certificate) (C55230)	No enrollment for over two years: There was a lack of student interest due to limited job opportunities in the area.
Mayland CC	Manicuring Instructor (Certificate) (C55380)	No enrollment for over two years: There was a lack of student interest because due to limited job opportunities in the area.
Pamlico CC	Entrepreneurship (A25490)	No enrollment for over two years: There were insufficient employment opportunities for graduates in the service area. The college will offer Entrepreneurship courses and training under the Business Administration program and Small Business Center if there is a future need.
Pamlico CC	General Occupational Technology (A55280)	No enrollment for over two years: Students are enrolling in the Associate in General Education Program.
Pamlico CC	Manicuring/ Nail Technology (Certificate) (C55400)	No enrollment for over two years: There was a lack of employment opportunities in the local area.
Randolph CC	Entrepreneurship (A25490)	No enrollment for two or more years: There was a lack of interest in the program and insufficient employment opportunities for graduates in the service area. The college will continue to offer entrepreneurship courses and training under the Business Administration program.
Randolph CC	Industrial Engineering Technology (A40240)	No enrollment for over two years: Based on feedback from the advisory committee, the curriculum was phased out and replaced by the Mechatronics Engineering Technology program.
Randolph CC	Therapeutic and Diagnostic Services/Phlebotomy (Diploma) (D45950)	The college terminated their Phlebotomy program in 2016 due to no enrollment for over two years. The college must have approval for the Phlebotomy program to offer this program major under Therapeutic and Diagnostic Services. The college offers courses through continuing education to meet local needs.

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

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<b>July 21, 2017 (Continued)</b>		
Richmond CC	Healthcare Business Informatics (A25510)	Low enrollment: There was a lack of interest in the program and insufficient employment opportunities for graduates in the service area. The college will continue to offer Healthcare Business Informatics as a track under the Information Technology program.
Richmond CC	Lateral Entry (Certificate) (C55430)	Low enrollment: Students needing lateral entry courses generally need only a few 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.
Richmond CC	School-Age Education (A55440)	Low enrollment: Students have not selected School-Age Education as a program that addresses their educational needs. Instead, students choose to enroll in the Early Childhood Education program.
Southeastern CC	Electrical Systems Technology (A35130)	No enrollment for over two years: The program content has been consolidated into the college's Electrical Engineering Technology program.
Southwestern CC	Basic Law Enforcement Training (Certificate) (C55120)	No enrollment for over two years: The college transferred its Basic Law Enforcement Training program from curriculum to continuing education.
Southwestern CC	Entrepreneurship (A25490)	No enrollment for over two years: There was a lack of interest in the program and insufficient employment opportunities for graduates in the service area. The college will continue to offer entrepreneurship as a track under the Business Administration program.
Southwestern CC	Sustainability Technologies (A40370)	No enrollment for over two years: There was a lack of student interest due to low employment demand for this program. The low impact development content has been incorporated into their Civil Engineering Technology program.



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

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<b>July 21, 2017 (Continued)</b>		
Surry CC	Real Estate Appraisal (A25420)	No enrollment for over two years: There was a lack of interest in the program and insufficient employment opportunities for graduates in the service area. The college will continue to offer real estate appraisal courses and training under the Business Administration program and continuing education if there is a need for it in the future.
Tri-County CC	Manicuring/ Nail Technology (Certificate) (C55400)	No enrollment for over two years: Limited job opportunities in the local area. Students are choosing to enroll in the Cosmetology program instead of the Manicuring certificate program.
Wayne CC	General Occupational Technology (A55280)	No enrollment for over two years: Students have not selected the General Occupational Technology degree as a program that addresses their educational needs. Instead, students are choosing other programs with better job opportunities.
Wilkes CC	Alternative Transportation Technology (Diploma) (D60420)	No enrollment for over two years: Students can obtain broad alternative transportation competencies within the college's Automotive Systems Technology program.
Wilkes CC	Automotive Light-Duty Diesel Technology (Diploma) (D60430)	No enrollment for over two years: There was a lack of employer demand for graduates and no student enrollment. Students can obtain broad diesel competencies within the college's Automotive Systems Technology program.
Wilkes CC	Office Administration (A25370)	Low enrollment: There was a lack of interest in the program and insufficient employment opportunities for graduates in the service area. The college will continue to offer office administration courses under the Business Administration program.

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

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<b>August 18, 2017</b>		
James Sprunt CC	Medical Assisting (A45400)	Low enrollment: The program has experienced low enrollment for the past several years due to limited job opportunities in the local area. The college will offer courses through continuing education to meet community and workforce needs.
<b>September 15, 2017</b>		
Beaufort County CC	Construction Equipment Systems Technology (A60450)	Low enrollment: There was a lack of student interest for the curriculum program due to the decline in construction and poor employment opportunities. The college will continue to monitor the construction equipment repair industry for changes that can be supported by short-term training through continuing education.
Central Piedmont CC	Geospatial Technology (A40220)	Low enrollment: There has been declining student interest for the Geospatial Technology as well as the college's Geomatics Technology program. Since the programs have overlapping competencies, the college decided to combine relevant program competencies and include them in their Geomatics Technology program, which they will continue offering.
<b>October 20, 2017</b>		
Roanoke-Chowan CC	Building Construction Technology (A35140)	No enrollment for two or more years: There was a lack of student interest for the curriculum program due to the decline in construction and poor employment opportunities in the college's service area. The college will continue to monitor the construction industry for changes that can be supported by short-term training through the college's continuing education department.

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

Community College (CC)	Curriculum Title and Code	College Rationale for Termination
<b><i>October 20, 2017 (Continued)</i></b>		
Roanoke-Chowan CC	Plumbing (Diploma) (D35300)	No enrollment for two or more years: There was a lack of student interest for the curriculum program due to the decline in construction and poor employment opportunities in the college's service area. The college will continue to monitor construction and home service repair industries for changes that can be supported by short-term training through the college's continuing education department.
<b><i>November 17, 2017</i></b>		
Carteret CC	Practical Nursing (Diploma) (D45660)	Low enrollment: The college noted a decline in the following areas: qualified applicants, enrollment, graduation/completion, and in-county job placement for graduates. A survey of local employers determined that job placement will continue to decline for practical nurses. The survey also indicated there is a higher than average growth rate in registered nurses and nurse aide positions. The college will increase their enrollment in their associate degree nursing and nurse aide programs to meet employer demand.
Randolph CC	Facility Maintenance Technology (A50190)	No enrollment for over two years: There was a lack of student interest for the curriculum degree program. The college can meet employment training needs through its continuing education department.
Randolph CC	Health Care Technology (Certificate) (C45350)	No enrollment for over two years: The college never offered the program through curriculum. The college offers courses through continuing education to meet community and workforce needs.
Roanoke-Chowan CC	Health Care Technology (Certificate) (C45350)	No enrollment for over two years: Lack of interest and no local workforce demand for this program. The college will offer other courses through continuing education or curriculum if there are any future community or workforce needs.

**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) to file a program of study 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:

Dr. Lisa M. Chapman  
Senior Vice President for Programs and Student Services/Chief Academic Officer  
North Carolina Community College System  
200 West Jones Street  
Raleigh, North Carolina 27603  
Email: [chapmanl@nccommunitycolleges.edu](mailto:chapmanl@nccommunitycolleges.edu)  
Phone: (919) 807-7096