



**NORTH CAROLINA COMMUNITY COLLEGE SYSTEM**

*Thomas A. Stith III*

*President*

**NUMBERED MEMO CC22-039**

**TO:** Presidents  
Chief Academic Officers

**FROM:** Thomas A. Stith III  
System President

**RE:** State Board Action on July 15, 2022  
New and Revised Curriculum Standards

**DATE:** July 20, 2022

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Per 1D SBCCC 400.9 (b) *A revision of an existing curriculum standard shall:*

- (1) Have written concurrence by two-thirds of colleges approved to offer the curriculum program; and*
- (2) Be in alignment with criteria outlined in 1D SBCCC 400.10(e).*
- (3) The President of the North Carolina Community College System shall have the authority to approve or deny the revision of an existing curriculum standard.*

I am pleased to approve the requested revision for the following curriculum standards which are in compliance with 1D SBCCC 400.9 (b):

**Agriculture Equipment Systems Technology (A60410)**  
**Applied Engineering Technology (A40130)**  
**Automation Engineering Technology (A40120)**  
**Mechatronics Engineering Technology (A40350)**  
**Mission Critical Operations (A40430)**

An outline of the specific curriculum standard revisions is attached for your convenience. You may view all curriculum standards by visiting the Academic Programs website at:

<https://www.nccommunitycolleges.edu/academic-programs/curriculum-standards>

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In addition, the State Board of Community Colleges approved the following new curriculum standard:

**Elementary Education Residency Licensure (Certificate) (C55490)**

If you have any questions concerning the curriculum standard revision, please contact Dr. Lisa Eads at [eadsl@nccommunitycolleges.edu](mailto:eadsl@nccommunitycolleges.edu).

TS/LE/gr

c: Dr. Levy Brown  
Dr. Lisa Eads  
Ms. Michelle Lair  
Ms. Reyna Rodriguez  
Program Coordinators

CC22-039  
Email

## Attachment

### Outline of Curriculum Standard Revision

#### **Agricultural Equipment Systems Technology (A60410)**

**Revision:**

- Changed the program title from Agricultural Systems Technology to Agricultural Equipment Systems Technology.

**Rationale:** The addition of “equipment” in the title of the program better expresses the content of the program to potential students, parents, and industry. The change was supported by the college’s program advisory board. An effective term of Fall 2022 was requested.

#### **Applied Engineering Technology (A40130), Automation Engineering Technology (A40120), Mechatronics Engineering Technology (A40350), and Mission Critical Operations (A40430)**

**Revision:**

- Added ISC 110 Workplace Safety and ISC 121 Envir Health & Safety as course options to the Technical Core of the above-listed curriculum standards. The minimum possible major course hours would change from 16 SHC to 15 SHC and the maximum from 44 SHC to 45 SHC.

**Rationale:** The proposed additional safety courses align with the requirements for industry-recognized OSHA 10 safety training and also add additional safety training hours where required by industry. Colleges wishing to retain their current program course offerings may continue to do so. An effective term of Fall 2022 was requested