



NORTH CAROLINA COMMUNITY COLLEGE SYSTEM

Dr. William S. Carver, II
Interim President

NUMBERED MEMO CC23-012

TO: Presidents
Chief Academic Officers

FROM: William S. Carver, II
Interim President

RE: State Board Action on April 21, 2023
Revised Curriculum Standards

DATE: May 2, 2023

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 revisions for the following curriculum standards which are in compliance with 1D SBCCC 400.9 (b)

Automation Engineering Technology (A40120)
Automotive Light Duty Diesel Technology (Diploma) (D60430)
Orthopaedic Technology (A45790)
Photographic Technology (A30280)

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>

Page 2
Presidents, Chief Academic Officers
May 2, 2023

If you have any questions concerning the curriculum standard revision, please contact Dr. Lisa Eads at eadsl@nccommunitycolleges.edu.

WSC/LE/gr

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

CC23-012
Email

Attachment

Outline of Curriculum Standard Revisions

Applied, Automation, Mechatronics Engineering Technology: Automation Engineering Technology (A40120)

Revision:

- Added a Programmable Logic Controllers subject area under Automation Engineering Technology
- Added a requirement of ELC 128 Intro to PLC or ELN 260 Prog Logic Controllers in the Programmable Logic Controllers subject area

Rationale: The Programmable Logic Controllers (PLC) Program Major is available on other curriculum, standards Electrical Systems Technology and Mechatronics Engineering Technology. ELN 260 has more contact hours, thus allowing for more instruction on the fundamentals of PLCs.

Automotive Light-Duty Diesel Technology (Diploma) (D60430)

Revision:

- Removed LDD 116 Diesel-Electric Drive as a required course in the program major.
- Replaced it with LDD 183 Air, Exh, Emissions

Rationale: Currently, there are no light-duty diesel electric drive vehicles on the market in the United States. This makes it difficult to teach students to diagnose and repair these vehicles with no real-world application.

Orthopaedic Technology (A45790)

Revision:

- Removed OTC 250 Clinical Practice II and OTC 260 Clinical Practice III from the core requirements.
- Increased required Other major hours to 14.
- Added OTC and PTA prefixes to other major hours.

Rationale: Students meet clinical practice requirements by completing 240 clinical hours in OTC 150 Clinical Practice I and 352 hours in clinical laboratory. The Orthopaedic Technology Program has been evaluated and approved by the American Society of Orthopaedic Professionals (ASOP) making students eligible to take the Registered Orthopaedic Technology Exam (ROT). Program leadership and the ASOP are in agreement that the students are getting the adequate number of clinical hours in OTC 150 (240 hours) and with the 352 hours in the laboratory setting to meet program requirements. The addition of prefixes OTC and PTA allow greater flexibility for stacking workforce credentials.

Photographic Technology (A30280)

Revision:

- Revised pathway description.
- Removed “MAT 140 Survey of Mathematics” from the general education choices under Natural Sciences/Mathematics.
- Removed “PHO 227 Photojournalism II” from required subject area, “Photojournalism.”
- Changed title of required subject area “Photojournalism” to “Multimedia Journalism.”
- Added “PHO 216 Documentary Photo/Multimedia” to required subject area, “Photojournalism”.
- Changed title of required subject area “Portrait Studio Management” to “Portrait and Wedding Photography”.
- Changed course names and course hours based on course revision items approved by the Curriculum Course Review Committee.

Rationale: Upon review of the Photography Technology curriculum, it was determined that state level program changes would better align with 21st century industry standards and positively impact student completion and success. In February 2023, the Curriculum Course Review Committee approved the revision of several courses for the program. To complete the alignment, the college is requesting changes to the curriculum standard.