North Carolina Community College System
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200 W. Jones St., Raleigh NC 27603

**NUMBERED MEMO CC25-084**

**TO:** Senior Continuing Education Administrators

**FROM:** Dr. Andrew Gardner
Associate Vice President, Workforce Strategies

**SUBJECT:** State Board WCE & CCR Course Approvals

**DATE:** October 22, 2025

On **October 17, 2025**, the State Board approved a new Workforce Continuing Education course for placement in the Combined Course Library. See Attachment A for detailed information.

Colleges are reminded that new and modified courses must be downloaded to the local course library (XUIC) and applied to local course copies (XULU). These processes are a mandatory workflow following all State Board changes to the Combined Course Library. Staff requiring assistance on the course download/update process should access the "Curriculum Management for Continuing Education User Guide" (KB0010403) in ServiceNow for a step-by- step guide.

If you have questions concerning the course or if you have questions regarding the process for submitting a new course or requesting a modification to an existing course in the CCL, send an email to the Workforce and Continuing Education Programs at WCERequests@nccommunitycolleges.edu.

Cc: Dr. Brian Merritt, Senior Vice President and Chief Academic Officer
Chief Academic Officers
Continuing Education Officers
Continuing Education Registrars
Registrars
System Administrators
Planners
Public Safety Directors
Workforce Development Leadership Committee Members

**Attachment A**
**Workforce and Continuing Education and College & Career Readiness**
**New Course Approvals, Modifications, and Tier Designations**

**New Course 1 of 1**
**Requesting College or Agency: Central Carolina Community College**

| Course ID | Course Title | Recommended Hours | Program Area | Tier/ Work-force Sector |
|---|---|---|---|---|
| ELN-3142 | Microelectronics Manufacturing | 150 | P35 Ind/Manuf | 1A/Eng. and Adv. Manufacturing |

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|---|---|
| Description: | This course is designed to prepare students for entry-level roles in semiconductor manufacturing. Students will explore career pathways in the industry while gaining foundational knowledge and hands-on awareness of key workplace expectations. Topics include cleanroom protocols, chemical safety practices, and the fundamentals of semiconductor wafer fabrication and processing. Emphasis is placed on essential skills for technician roles, including safety, cleanroom and wafer handling, basic troubleshooting, and introductory chemistry relevant to manufacturing environments. |

**Rationale:** This course was developed in partnership with multiple businesses as part of the CLAWS Project (Commercial Leap Ahead for Widegap Semiconductors), funded by the U.S. Department of Energy. The project is managed by NC State University, and CCCC is a subrecipient. The aim was to develop a short-term course to introduce students to semi-conductor manufacturing. The project with employers has also included the participation of SEMI (semiconductor industry association) to facilitate the development of industry-driven certifications/assessments. For now, they have developed/justified a Workforce Sector credential based on employer demand.