

NUMBERED MEMO CC25-083

TO: Presidents
Chief Academic Officers

FROM: Dr. Jeff A. Cox, NCCCS President

SUBJECT: New to the System – Limited Practice Radiographer

DATE: October 22, 2025

On October 17, 2025, the State Board of Community Colleges approved the following new Curriculum Standard:

Limited Practice Radiographer (D45890)

Effective Term: Fall 2026

A new curriculum standard 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>

If you have any questions concerning the October State Board action item listed above, please contact Ms. Melissa Smith at smithm@nccommunitycolleges.edu.

JAC/le/ao

Attachments

Cc:

Dr. Brian S. Merritt	Ms. Melissa Smith	Ms. Jonnell Carpenter, General Counsel
Dr. Lisa Eads	Ms. Reyna Rodriquez	Ms. Peyton Bell
Dr. Hilmi Lahoud	Ms. Ariel O'Quinn	State Directors

Email

CURRICULUM STANDARD

Effective Term
Fall 2026
[2026*03]

Curriculum Program Title	Limited Practice Radiographer	Program Code	D45890
Concentration	(not applicable)	CIP Code	51.0911

Curriculum Description

The Limited Practice Radiographer curriculum prepares individuals with the foundational knowledge and clinical skills necessary to safely perform quality, limited diagnostic X-ray procedures on selected anatomical sites.

Coursework includes radiographic procedures, patient safety and care, radiation protection, and image production and quality.

Graduates of programs are prepared for employment in outpatient healthcare settings, and may be eligible to apply for the ARRT Limited X-Ray Machine Operator exam. This curriculum may provide a pathway to advanced study in radiography.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1 D SBCCC 400.10]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours with a minimum of 6 semester hours of communications (3 SHC of which must be ENG-110 or ENG-111) and the remaining hours from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Diploma programs must contain a minimum of 6 semester hours of general education, including at least 3 semester hours in communications and the remaining hours from one of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. General education is optional in certificate programs.
- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*
- II. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit (SHC)	64-76	36-48	12-18

*Within the degree program, the institution shall include opportunities for the achievement of competence in reading, writing, oral communication, fundamental mathematical skills, and basic use of computers.

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration** *(if applicable)*. A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work-based learning may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Limited Practice Radiographer D45890

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE Required Courses: LPR 110 LPR Intro & Patient Care 3 SHC LPR 111 LPR Imaging Procedures I 4 SHC LPR 112 LPR Imaging Procedures II 3 SHC LPR 121 LPR Image Production I 3 SHC LPR 122 LPR Image Production II 2 SHC LPR 141 Radiation Protection 2 SHC Required Subject Areas: Clinical Education – Select 13 SHC from the following in sequence: LPR 151 LPR Clinical Education I 2 SHC LPR 152 LPR Clinical Education I 5 SHC LPR 153 LPR Clinical Education I 6 SHC LPR 161 LPR Clinical Education II 2 SHC LPR 162 LPR Clinical Education II 5 SHC LPR 163 LPR Clinical Education II 6 SHC LPR 171 LPR Clinical Education III 2 SHC LPR 172 LPR Clinical Education III 5 SHC LPR 173 LPR Clinical Education III 6 SHC	N/A	30 SHC	NR
B. CONCENTRATION <i>(Not applicable)</i>			
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> BIO, CIS, CSC, ENG, HSC, LPR, MAT, MED, PSY, RAD, and WBL <i>Up to two semester hour credit may be selected from ACA.</i> <i>Three semester hour credits may be selected from PTE.</i> <i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, IRI, ITA, JPN, LAT, POR, RUS, and SPA.</i>			

Approved New Courses, Limited Practice Radiographer (LPR) Diploma D45890

LPR-110 LPR Intro and Patient Care

Class 2 Lab 3 Clinical 0 Work 0 Credit 3

Course Corequisites: None

Course Prerequisites: None

This course provides an overview of the limited practice radiography profession and responsibilities. Emphasis is placed on basic principles of routine emergency patient care, radiation protection, ethical practices, patient assessment, medical terminology, and infection control. Upon completion, students should be able to demonstrate basic skills in these areas.

LPR-111 LPR Imaging Procedures I

Class 3 Lab 3 Clinical 0 Work 0 Credit 4

Course Corequisites: None

Course Prerequisites: None

This course provides the knowledge and skills necessary to perform standard radiographic procedures. Emphasis is placed on a limited scope of practice for radiography procedures of the chest, abdomen, lower extremities from toes through distal femur, and upper extremities from finer thought humerus. Upon completion, students should be able to demonstrate competence in areas of general positioning, patient safety, radiation protection, image quality, and procedure adaptation based on patient assessment.

LPR-112 LPR Imaging Procedures II

Class 2 Lab 3 Clinical 0 Work 0 Credit 3

Course Corequisites: None

Course Prerequisites: None

This course provides the knowledge and skills necessary to perform standard radiographic procedures. Emphasis is placed on a limited scope of practice for radiography procedures of the pectoral girdle, pelvis, hip, and spine. Upon completion, students should be able to demonstrate competence in areas of general positioning, patient safety, radiation protection, image quality, and procedure adaptation based on patient assessment.

LPR-121 LPR Image Production I

Class 2 Lab 3 Clinical 0 Work 0 Credit 3

Course Corequisites: None

Course Prerequisites: None

This course provides the basic principles of radiographic image production. Emphasis is placed on image production, x-ray equipment, receptor exposure, and basic imaging quality factors. Upon completion, students should be able to demonstrate an understanding of basic principles of radiographic image production.

LPR-122 LPR Image Production II

Class 1 Lab 3 Clinical 0 Work 0 Credit 2

Course Corequisites: None

Course Prerequisites: None

This course is designed to develop the concepts and principles in the field of radiologic technology. Emphasis is placed on advanced digital principles and production. Upon completion, students should be able to demonstrate an understanding of advanced principles of digital radiographic image production.

LPR-141 Radiation Protection

Class 2 Lab 0 Clinical 0 Work 0 Credit 2

Course Corequisites: None

Course Prerequisites: None

The course covers the principles of radiation protection and radiobiology. Topics include the effects of ionizing radiation on body tissues, protective measures for limiting exposure to the patient and personnel, and radiation monitoring devices. Upon completion, students should be able to demonstrate an understanding of the effects and uses of radiation in limited practice radiography.

LPR-151 LPR Clinical Education I

Class 0 Lab 0 Clinical 6 Work 0 Credit 2

Course Corequisites: None

Course Prerequisites: None

This course provides entry level clinical experience. Emphasis is placed on image production of the chest, abdomen, upper, and lower extremities. Upon completion, students should be able to demonstrate clinical competence in the required performance evaluations.

LPR-152 LPR Clinical Education I

Class 0 Lab 0 Clinical 15 Work 0 Credit 5

Course Corequisites: None

Course Prerequisites: None

This course provides entry level clinical experience. Emphasis is placed on image production of the chest, abdomen, upper, and lower extremities. Upon completion, students should be able to demonstrate clinical competence in the required performance evaluations.

LPR-153 LPR Clinical Education I

Class 0 Lab 0 Clinical 18 Work 0 Credit 6

Course Corequisites: None

Course Prerequisites: None

This course provides entry level clinical experience. Emphasis is placed on image production of the chest, abdomen, upper, and lower extremities. Upon completion, students should be able to demonstrate clinical competence in the required performance evaluations.

LPR-161 LPR Clinical Education II

Class 0 Lab 0 Clinical 6 Work 0 Credit 2

Course Corequisites: None

Course Prerequisites: None

This course provides entry level clinical experience. Emphasis is placed on image production of the pectoral girdle, pelvis, hip, and spine. Upon completion, students should be able to demonstrate clinical competence in the required performance evaluations.

LPR-162 LPR Clinical Education II

Class 0 Lab 0 Clinical 15 Work 0 Credit 5

Course Corequisites: None

Course Prerequisites: None

This course provides entry level clinical experience. Emphasis is placed on image production of the pectoral girdle, pelvis, hip, and spine. Upon completion, students should be able to demonstrate clinical competence in the required performance evaluations.

LPR-163**LPR Clinical Education II**

Class 0 Lab 0 Clinical 18 Work 0 Credit 6

Course Corequisites: None

Course Prerequisites: None

This course provides entry level clinical experience. Emphasis is placed on image production of the pectoral girdle, pelvis, hip, and spine. Upon completion, students should be able to demonstrate clinical competence in the required performance evaluations.

LPR-171**LPR Clinical Education III**

Class 0 Lab 0 Clinical 6 Work 0 Credit 2

Course Corequisites: None

Course Prerequisites: None

This course provides entry level clinical experience. Emphasis is placed on proficiency in all radiographic examinations within the scope of the Limited Practice Radiographer. Upon completion, students should be able to demonstrate clinical competence in the required performance evaluations.

LPR-172**LPR Clinical Education III**

Class 0 Lab 0 Clinical 15 Work 0 Credit 5

Course Corequisites: None

Course Prerequisites: None

This course provides entry level clinical experience. Emphasis is placed on proficiency in all radiographic examinations within the scope of the Limited Practice Radiographer. Upon completion, students should be able to demonstrate clinical competence in the required performance evaluations.

LPR-173**LPR Clinical Education III**

Class 0 Lab 0 Clinical 18 Work 0 Credit 6

Course Corequisites: None

Course Prerequisites: None

This course provides entry level clinical experience. Emphasis is placed on proficiency in all radiographic examinations within the scope of the Limited Practice Radiographer. Upon completion, students should be able to demonstrate clinical competence in the required performance evaluations.