



NORTH CAROLINA COMMUNITY COLLEGE SYSTEM

Dr. James C. Williamson

President

July 24, 2017

MEMORANDUM

TO: Presidents
Chief Academic Officers

FROM: Wesley E. Beddard, Associate Vice President
Programs

SUBJECT: State Board Action on July 21, 2017
Revised Curriculum Standards

On July 21, 2017, the State Board of Community Colleges approved the attached Career and College Promise College Transfer Pathway Leading to the Associate in Fine Arts in Visual Arts (AFAVA)(P1062C) Pathway. Colleges that currently have approval for the Associate in Fine Arts in Visual Arts (A10600) must file an electronic program of study for the AFAVA (P1062C) in order to obtain approval to offer the pathway. The Career and College Promise Procedures are in the process of being revised and will be going to the State Board of Community Colleges in August. Each college will receive a copy of the revision following August State Board action.

In addition, the State Board of Community Colleges approved an update to the North Carolina High School to Community College Articulation Agreement. The update reflects a revised high school to community college course articulation list. The revised, complete articulation agreement can be viewed at: <http://www.ncperkins.org/course/view.php?id=4>

The State Board of Community Colleges also approved the requested revision to the following curriculum standards:

Polysomnography (Certificate) (C45650)
Radiography (A45700)

Please be aware that you must implement the revised curriculum standards no later than one year after the effective term. You must update your college’s electronic program of study and receive approval from the System Office prior to implementation of the revised programs.

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An outline of the specific curriculum standard revisions is attached for your convenience. You may view all curriculum standards and courses by visiting the Academic Programs website at:
<http://www.nccommunitycolleges.edu/academic-programs>

Please contact the following person below for questions concerning the following State Board action items:

Career and College Promise Pathway –

Dr. Lisa Eads at 919-807-7133 or eadsl@nccommunitycolleges.edu

High School to Community College Articulation Agreement –

Dr. Robert Witchger at 919-807-7126 or witchgerr@nccommunitycolleges.edu.

Curriculum Standard Revisions -

Ms. Jennifer Frazelle at 919-807-7120 or frazellej@nccommunitycolleges.edu.

WB/JF/gr

Attachments

c: Dr. Lisa M. Chapman
Ms. Jennifer Frazelle
Dr. Robert Witchger
Dr. Lisa Eads
Dr. Christopher Droessler
Ms. Elizabeth Self
Program Coordinators

CC17-026
Email

**Outline of Curriculum Standard Revision
State Board of Community Colleges
July 21, 2017**

Polysomnography (Certificate) (C45650)

Revisions:

- Revised the curriculum description.

Radiography (A45700)

Revisions:

- Removed the following archived courses from the required Core:
 - RAD 131 Radiographic Physics I
 - RAD 245 Image Analysis

**Career and College Promise (CCP) College Transfer Pathway
Leading to the Associate in Fine Arts in Visual Arts (P1062C)**

The CCP College Transfer Pathway Leading to the Associate in Fine Arts in Visual Arts is designed for high school juniors and seniors who wish to begin study toward the Associate in Fine Arts in Visual Arts and a baccalaureate degree in Fine Arts-Visual Arts.

GENERAL EDUCATION (25-26 SHC)

The general education requirement includes study in courses selected from the Universal General Education Transfer Component (UGETC) of the Comprehensive Articulation Agreement.

English Composition (6 SHC) *The following two English composition courses are required.*

ENG	111	Writing and Inquiry	(3 SHC)
ENG	112	Writing/Research in the Disciplines	(3 SHC)

Communications and Humanities/Fine Arts (6 SHC)

Select two courses from two different disciplines.

ART	111	Art Appreciation	(3 SHC)
COM	231	Public Speaking	(3 SHC)
ENG	231	American Literature I	(3 SHC)
ENG	232	American Literature II	(3 SHC)
ENG	241	British Literature I	(3 SHC)
ENG	242	British Literature II	(3 SHC)
MUS	110	Music Appreciation	(3 SHC)
MUS	112	Introduction to Jazz	(3 SHC)
PHI	215	Philosophical Issues	(3 SHC)
PHI	240	Introduction to Ethics	(3 SHC)

Social/Behavioral Sciences (6 SHC)

Select two courses from two different disciplines.

ECO	251	Principles of Microeconomics	(3 SHC)
ECO	252	Principles of Macroeconomics	(3 SHC)
HIS	111	World Civilizations I	(3 SHC)
HIS	112	World Civilizations II	(3 SHC)
HIS	131	American History I	(3 SHC)
HIS	132	American History II	(3 SHC)
POL	120	American Government	(3 SHC)
PSY	150	General Psychology	(3 SHC)
SOC	210	Introduction to Sociology	(3 SHC)

Math (3-4 SHC) *Select one course from the following:*

MAT	143	Quantitative Literacy	(3 SHC)
MAT	152	Statistical Methods I	(4 SHC)
MAT	171	Precalculus Algebra	(4 SHC)
MAT	271	Calculus I	(4 SHC)
MAT	272	Calculus II	(4 SHC)

See CC16-025 at <http://www.nccommunitycolleges.edu/search/content/numbered%20memos> for direct placement criteria for MAT 271 Calculus I.

Natural Sciences (4 SHC) *Select 4 SHC from the following:*

	AST	111	Descriptive Astronomy	(3 SHC)	<i>and</i>
	AST	111A	Descriptive Astronomy Lab	(1 SHC)	
	AST	151	General Astronomy I	(3 SHC)	<i>and</i>
	AST	151A	General Astronomy I Lab	(1 SHC)	
	BIO	110	Principles of Biology	(4 SHC)	
	BIO	111	General Biology I	(4 SHC)	
	CHM	151	General Chemistry I	(4 SHC)	
	GEL	111	Geology	(4 SHC)	
<i>or</i>	PHY	110	Conceptual Physics	(3 SHC)	<i>and</i>
	PHY	110A	Conceptual Physics Lab	(1 SHC)	

Other Required (7 SHC):

Art (6 SHC) *The following two courses are required:*

	ART	121	Two-Dimensional Design	(3 SHC)
	ART	131	Drawing I	(3 SHC)

Academic Transition (1 SHC) *The following course is required*

	ACA	122	College Transfer Success	(1 SHC)
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***OPTIONAL GENERAL EDUCATION HOURS (0-8 SHC)**

Foreign Language: A student may take up to 8 SHC of foreign language courses and accompanying labs, in a single language, designated as general education in the Comprehensive Articulation Agreement as a part of this pathway. These courses are not a part of the Universal General Education Transfer Component. Students who complete these courses with a grade of "C" or better will receive transfer credit. The receiving university will determine whether the courses will count as general education, pre-major, or elective credit.

Total Semester Hours Credit (SHC) in CCP Pathway: 32- 41*

Students must meet the receiving university's foreign language and/or health and physical education requirements, if applicable, prior to or after transfer to the senior institution.

High school students in the CCP College Transfer Pathway Leading to the AFA-Visual Arts must complete the entire pathway before taking additional courses in the AFA-Visual Arts degree.

Approved by the State Board of Community Colleges on July 21, 2017.

CURRICULUM STANDARD

Effective Term
Fall 2017
[2017*03]

Curriculum Program Title	Polysomnography (Certificate)	Program Code	C45650
Concentration	(not applicable)	CIP Code	51.0917

Curriculum Description

The Polysomnography curriculum prepares individuals, working in conjunction with a physician, to perform and interpret sleep studies and to provide comprehensive clinical evaluations that are required for the diagnosis of sleep related disorders. *Individuals entering the certificate curriculum must possess a minimum of an associate degree.*

Students will acquire the knowledge and skills necessary to perform sleep studies, including recording and interpreting events observed during sleep. Treatment of sleep related disorders and patient education focused on healthy sleep habits will also be discussed.

Graduates of accredited programs may be eligible to take the registry examination given by the Board of Registered Polysomnographic Technologists. Employment opportunities may be found in hospitals and freestanding sleep centers.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1D SBCCC 400.97 (3)]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. 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.)*
- III. **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.

CURRICULUM STANDARD

Effective Term
Fall 2017
[2017*03]

Curriculum Program Title	Radiography	Program Code	A45700
Concentration	(not applicable)	CIP Code	51.0911

Curriculum Description

The Radiography curriculum prepares the graduate to be a radiographer, a skilled health care professional who uses radiation to produce images of the human body.

Course work includes clinical rotations to area health care facilities, radiographic exposure, image processing, radiographic procedures, physics, pathology, patient care and management, radiation protection, quality assurance, anatomy and physiology, and radiobiology.

Graduates of accredited programs are eligible to apply to take the American Registry of Radiologic Technologists' national examination for certification and registration as medical radiographers. Graduates may be employed in hospitals, clinics, physicians' offices, medical laboratories, government agencies, and industry.

Curriculum Requirements*

[for associate degree, diploma, and certificate programs in accordance with 1 D SBCCC 400.97(3)]

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. 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.)
- III. **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

[ref. 1 D SBCCC 400.97(3)]

- 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.

Radiography A45700

	AAS	Diploma	Certificate
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC
A. CORE Required Courses: RAD 110 Radiography Introduction & Patient Care 3 SHC RAD 111 Radiographic Procedures I 4 SHC RAD 112 Radiographic Procedures II 4 SHC RAD 121 Image Production I 3 SHC RAD 122 Image Production II 2 SHC RAD 141 Radiation Safety 2 SHC RAD 151 RAD Clinical Education I 2 SHC RAD 161 RAD Clinical Education II 5 SHC RAD 171 RAD Clinical Education III 3 SHC RAD 211 Radiographic Procedures III 3 SHC RAD 231 Radiographic Physics II 2 SHC RAD 251 RAD Clinical Education IV 7 SHC RAD 261 RAD Clinical Education V 7 SHC RAD 271 Radiography Capstone 3 SHC Required Subject Areas: None	50 SHC	NR	
B. CONCENTRATION <i>(Not applicable)</i>			
C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> BIO, CIS, CSC, HSC, RAD, and WBL <i>Up to two semester hour credits may be selected from ACA.</i> <i>Up to three semester hour credits may be selected from the following prefixes: ARA, ASL, CHI, FRE, GER, ITA, JPN, LAT, POR, RUS and SPA.</i>			