NC COMMUNITY COLLEGES
CREATING SUCCESS

NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
Dr. James C. Williamson
President

April 24, 2017

MEMORANDUM

TO: Presidents
              Chief Academic Officers

FROM: Wesley E. Beddard, Associate Vice President
              Programs

SUBJECT: State Board Action on April 21, 2017
              Revised and New Curriculum Standards
              New Career and College Promise Pathway

On April 21, 2017, the State Board of Community Colleges approved revisions for the following curriculum standard:

Cancer Information Management (A45130)

An outline of the specific curriculum standard revisions is attached for your convenience. Please be aware that you must implement the revised curriculum standard 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 program.

The State Board of Community Colleges also approved the following new Career and College Promise (CCP) Pathway:

Career and College Promise Associate Degree Nursing (ADN) Pathway (P1032C)

The CCP ADN Pathway is designed for high school juniors and seniors who wish to begin their educational studies toward the Associate in Nursing degree and a Baccalaureate degree in Nursing. The Pathway is based on Block 1 of the *Uniform Articulation Agreement between the University of North Carolina's Registered Nurse to Bachelor of Science in Nursing programs and the North Carolina Community College Associate Degree Nursing Programs* which was approved by the State Board of Community Colleges and the UNC Board of Governors in February 2015.

Colleges must be currently approved to offer the Associate Degree in Nursing (A45110) program and must file an electronic program of study for System Office review to receive approval for the Career and College Promise Associate Degree Nursing Pathway (P1032C). Information concerning student eligibility and additional ADN pathway information is in Section 14 of the *Curriculum Procedures Reference Manual* which is located at:

http://www.nccommunitycolleges.edu/academic-programs/curriculum-procedures-reference-manual-cprm

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

Associate in General Education Nursing (A1030N)

The AGE Nursing is designed for students who wish to begin their study toward the Associate in Nursing degree and a Baccalaureate Degree in Nursing as based on Blocks 1 through 3 of the *Uniform Articulation Agreement between the University of North Carolina's Registered Nurse (RN) to Bachelor of Science in Nursing (BSN) programs and the North Carolina Community College Associate Degree Nursing programs*. The AGE Nursing provides a standard program code that all colleges should utilize for ADN nursing graduates who return to the community college to complete additional general education courses that are required for their baccalaureate degree in nursing. Additional information on the Uniform Articulation Agreement is located at:

http://www.nccommunitycolleges.edu/academic-programs/college-transferarticulation-agreements/uniform-articulation-agreement-rn-bsn

Colleges currently approved for the Associate Degree Nursing (A45110) program may receive approval to offer the Associate in General Education Nursing (A1030N) program by submitting the attached form to the System Office.

Colleges are encouraged to utilize appropriate program codes to properly track potential and actual nursing students.

You may view all curriculum standards and courses by visiting the Academic Programs website at:
http://www.nccommunitycolleges.edu/academic-programs

If you have any questions concerning the State Board action items listed above, please contact Ms. Renee Batts at 919.807.7118 or battsr@nccommunitycolleges.edu.

WB/JF/gr
Attachments
c: Dr. Lisa M. Chapman
     Ms. Elizabeth Self
     Ms. Jennifer Frazelle
     Ms. Renee Batts
     Program Coordinators

CC17-019
Email Copy

Outline of Curriculum Standard Revisions
State Board of Community Colleges
April 21, 2017

Cancer Information Management (A45130):

- Removed the following course from the required core:
    BIO 271 Pathophysiology

- Added the following course to the required core:
    CIM 220 CIM Technologies & Systems

- Removed the Management Subject Area from the required core.

The addition and deletion of courses to the core resulted in a change of core hours from 52 SHC to 49 SHC for the associate degree program.

Note: *The curriculum standard revision includes a new (CIM 220) course, which was approved by the Curriculum Review Committee (CRC) on February 23, 2017.*

Associate in General Education Nursing (A1030N) Request Form

To utilize the Associate in General Education Nursing (A1030N), the college must have approval to offer the Associate Degree Nursing (A45110) program.

Please Note: Local Board certification is not required for this program. A 3-year accountability report is not required for this program.

Our college currently has approval for the Associate Degree Nursing (A45110) program and would like to receive approval to offer the Associate in General Education Nursing (A1030N).

_____
　　　College

_____　　　_____
　　　Signature of President　　　　　　　　　　　　　　　　　　　　　　　　Date

Please fax, mail or email scanned form with signature to:

Ms. Renee Batts, Associate Director
NC Community College System Office
5016 Mail Service Center
Raleigh, NC 27699-5016
Fax: 919-807-7173
battsr@nccommunitycolleges.edu

Associate in General Education Nursing
(A1030N)

The Associate in General Education (AGE)-Nursing is designed for students who wish to begin their study toward the Associate in Nursing degree and a Baccalaureate degree in Nursing as based on Blocks 1 through 3 of the *Uniform Articulation Agreement between the University of North Carolina's Registered Nurse (RN) to Bachelor of Science in Nursing (BSN) programs and the North Carolina Community College Associate Degree Nursing Programs* which was approved by the State Board of Community Colleges and the UNC Board of Governors in February 2015. The AGE-Nursing shall be granted for a planned program of study consisting of a minimum of 60 semester hours of credit (SHC) of courses.

A student who completes an Associate in Applied Science (AAS) in Nursing with a GPA of at least 2.0 and a grade of C or better in the AGE-Nursing courses listed below and who holds a current unrestricted license as a Registered Nurse in North Carolina will have fulfilled the UNC institutions lower-division general education requirements as well as nursing program entry requirements. However, because nursing program admissions are competitive, no student is *guaranteed* admission to the program of his or her choice.

GENERAL EDUCATION (52-54 SHC)
These courses are contained in the RN to BSN Articulation Agreement.

English Composition (6 SHC)
The following English composition course is required.

    * ENG 111   Writing and Inquiry   (3 SHC)

Select one course from the following (3 SHC)

    * ENG 112   Writing/Research in the Disciplines   (3 SHC)   **or**
    * ENG 114   Prof Research & Reporting   (3 SHC)

_____

Humanities/Fine Arts (9 SHC)
*Select two courses from the following (*6 SHC*):*

    * ART 111   Art Appreciation   (3 SHC)
    * ART 114   Art History Survey I   (3 SHC)
    * ART 115   Art History Survey 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)
    * HUM 115   Critical Thinking   (3 SHC)

Select one course from the following (3 SHC)

    ENG 231   American Literature I   (3 SHC)   **or**
    ENG 232   American Literature II   (3 SHC)

Approved by SBCC 04/21/17.

Social/Behavioral Sciences (15 SHC)
The following courses are required (9 SHC):

*	PSY	150	General Psychology	(3 SHC)	
*	PSY	241	Developmental Psychology	(3 SHC)	**and**
	SOC	210	Introduction to Sociology	(3 SHC)	

Select one course from the following (3 SHC)

SOC	213	Sociology of the Family	(3 SHC)
SOC	220	Social Problems	(3 SHC)
SOC	225	Social Diversity	(3 SHC)
SOC	230	Race and Ethnic Relations	(3 SHC)
SOC	240	Social Psychology	(3 SHC)

Select one course from the following (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)

_____

Natural Sciences (15-16 SHC)
Select one sequence from the following (8 SHC):

*	BIO	165	Anatomy and Physiology I	(4 SHC)	**and**
*	BIO	166	Anatomy and Physiology II	(4 SHC)	
					or
*	BIO	168	Anatomy and Physiology I	(4 SHC)	**and**
*	BIO	169	Anatomy and Physiology II	(4 SHC)	

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

BIO	175	General Microbiology	(3 SHC)
BIO	275	Microbiology	(4 SHC)

Select one sequence from the following (4 SHC)

CHM	151	General Chemistry I	(4 SHC)	
				or
CHM	130	Gen, Org, & Biochemistry	(3 SHC)	**and**
CHM	130A	Gen, Org, & Biochem Lab	(1 SHC)	
				or
CHM	131	Introduction to Chemistry	(3 SHC)	**and**
CHM	131A	Intro to Chemistry Lab	(1 SHC)	

Approved by SBCC 04/21/17.

Math (7-8 SHC)
The following course is required

      MAT   152   Statistical Methods I   (4 SHC)

Select one course from the following (3 or 4 SHC)

      MAT   143   Quantitative Literacy   (3 SHC)   **or**
      MAT   171   Precalculus Algebra   (4 SHC)

Other Required Hours (7-8 SHC)

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

      ACA   122   College Transfer Success   (1 SHC)

Social Behavioral Science/Elective (6-7 SHC) (*Dependent on selection of mathematics and natural science.*)
Select two courses from either the Social Behavioral Science or Elective category or one from each.

    Social Behavioral Science

      ECO   251   Prin of Microeconomics   (3 SHC)
      ECO   252   Prin of Macroeconomics   (3 SHC)
      POL   120   American Government   (3 SHC)

    Electives
    Electives must be selected from the Transfer Course List in the Comprehensive Articulation Agreement
    which is located at:

    http://www.nccommunitycolleges.edu/academic-programs/college-transferarticulation-
    agreements/comprehensive-articulation-agreement-caa.

    Suggested electives include foreign language, speech, culture and computer science.

Total Semester Hours Credit (SHC) in Program: 60-61 SHC

Note: Individual UNC RN to BSN nursing programs may require a maximum of two courses totaling no more than six credits to meet school specific degree requirements that are not a part of the RN to BSN Articulation Agreement. In no case will these additional requirements necessitate completing more than 128 credits in order to earn a BSN. Each UNC RN to BSN institution will develop, publish, and maintain on their website a RN to BSN degree plan that identifies specific degree requirements that are not part of the RN to BSN AA.

For additional information about Blocks 4 and 5 (which contain nursing courses) of the Five Block Degree Plan located within the Uniform Articulation Agreement between the University of North Carolina RN to BSN please visit: http://www.nccommunitycolleges.edu/academic-programs/college-transferarticulation-agreements/uniform-articulation-agreement-rn-bsn.

***Denotes courses (23 Semester Hours of Credit) in Block 1 of the Five Block Degree Plan that are completed as part of the North Carolina Community College AAS Nursing degree.**

Approved by SBCC 04/21/17.

Career and College Promise Associate Degree Nursing (ADN) Pathway
(P1032C)

The Career and College Promise (CCP) ADN Pathway is designed for high school juniors and seniors who wish to begin their educational studies toward the Associate in Nursing degree and a Baccalaureate degree in Nursing. The Pathway is based on Block 1 of the *Uniform Articulation Agreement between the University of North Carolina's Registered Nurse to Bachelor of Science in Nursing programs and the North Carolina Community College Associate Degree Nursing Programs* which was approved by the State Board of Community Colleges and the UNC Board of Governors in February 2015.

A student who completes an Associate in Applied Science (AAS) in Nursing, which includes the courses listed below, with a GPA of at least 2.0 and a grade of C or better and completes the courses in Blocks 2-3 of the *Uniform Articulation Agreement between the University of North Carolina's Registered Nurse to Bachelor of Science in Nursing programs and the North Carolina Community College Associate Degree Nursing Programs* with a GPA of at least 2.0 and a grade of C or better, and who holds a current unrestricted license as a Registered Nurse in North Carolina will have fulfilled the UNC institutions lower-division general education requirements as well as nursing program entry requirements. However, because nursing program admissions are competitive, no student is guaranteed admission to the program of his or her choice.

GENERAL EDUCATION (23 SHC)
These courses are contained in Block 1 of the Five Block Degree Plan located within the RN to BSN Articulation Agreement.

English Composition (6 SHC)
The following English composition course is required.

     * ENG   111   Writing and Inquiry   (3 SHC)

Select one course from the following (3 SHC)
     * ENG   112   Writing/Research in the Disciplines   (3 SHC)   **or**
     * ENG   114   Prof Research & Reporting   (3 SHC)

Humanities/Fine Arts (3 SHC)
*Select one course from the following (*3 SHC*):*

     * ART   111   Art Appreciation   (3 SHC)
     * ART   114   Art History Survey I   (3 SHC)
     * ART   115   Art History Survey 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)
     * HUM 115   Critical Thinking   (3 SHC)

Social/Behavioral Sciences (6 SHC)
The following courses are required (6 SHC):

     * PSY   150   General Psychology   (3 SHC)
     * PSY   241   Developmental Psychology   (3 SHC)

Natural Sciences (8 SHC)					
Select one sequence from the following (8 SHC):					
*	BIO	165	Anatomy and Physiology I	(4 SHC)	**and**
*	BIO	166	Anatomy and Physiology II	(4 SHC)	*or*
*	BIO	168	Anatomy and Physiology I	(4 SHC)	**and**
*	BIO	169	Anatomy and Physiology II	(4 SHC)	

Other Required Hours (1 SHC)

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

	ACA	122	College Transfer Success	(1 SHC)

Total Semester Hours Credit (SHC) in Pathway: 24 SHC

*Denotes courses (23 Semester Hours of Credit) in Block 1 of the Five Block Degree Plan that are completed as part of the North Carolina Community College AAS Nursing degree.

For additional information about Blocks 2 and 3 of the Five Block Degree Plan located within the Uniform Articulation Agreement between the University of North Carolina RN to BSN please visit:

http://www.nccommunitycolleges.edu/academic-programs/college-transferarticulation-agreements/uniform-articulation-agreement-rn-bsn.

High school students in the CCP Associate Degree Nursing Pathway to the Associate in General Education Nursing (A1030N) program must complete the entire pathway before taking additional courses in the Associate in General Education Nursing (A1030N) program.

CURRICULUM STANDARD

Curriculum Program Title	**Cancer Information Management**	Program Code	**A45130**
Concentration	**(not applicable)**	CIP Code	*51.0706*

Curriculum Description

The Cancer Information Management curriculum is designed to provide individuals with the knowledge and skills necessary to maintain a cancer data collection system that is consistent with medical, administrative, ethical, legal and accreditation requirements.

Students will analyze health records according to standards set by various agencies, compile, maintain, monitor, and report cancer data for research, quality management, facility planning and marketing; abstract and code clinical data; and obtain survival data through yearly follow-up.

Graduates may be eligible to take the national certifying examination given by the National Cancer Registrars Association to become a Certified Tumor Registrar (CTR). Employment opportunities include health care facilities, data organizations, and government agencies.

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.

Major Hours
[ref. 1D 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.

Cancer Information Management (A45130)				AAS	Diploma	Certificate
Minimum Major Hours Required				**49 SHC**	**30 SHC**	**12 SHC**
A. CORE				**49 SHC**	**NR**	**NR**

Required Courses:

CIM	110	Registry Org & Management	3 SHC
CIM	125	Cancer Disease Management	4 SHC
CIM	150	Oncology Coding/Stag Sys	4 SHC
CIM	211	Abstract Prin & Prac I	3 SHC
CIM	212	Abstract Prin & Prac II	3 SHC
CIM	220	CIM Technologies & Systems	3 SHC
CIM	225	Cancer Patient Follow-up	2 SHC
CIM	250	Cancer Stat/Epidemiology	3 SHC
CIM	275	Professional Direct Prac	4 SHC
HIT	110	Fundamentals of HIM	3 SHC
HIT	226	Principles of Disease	3 SHC
MED	121	Medical Terminology I	3 SHC
MED	122	Medical Terminology II	3 SHC

Required Subject Areas:
Anatomy & Physiology. Select one sequence.

BIO	165	Anatomy & Physiology I	4 SHC &
BIO	166	Anatomy & Physiology II	4 SHC
		or	
BIO	168	Anatomy & Physiology I	4 SHC &
BIO	169	Anatomy & Physiology II	4 SHC

B. CONCENTRATION *(Not applicable)*

C. OTHER MAJOR HOURS
To be selected from the following prefixes:

BIO, BUS, CIM, CIS, CSC, HIT, MED, and WBL

Up to two semester hour credits may be selected from ACA.

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.