STATE BOARD OF COMMUNITY COLLEGES

CURRICULUM STANDARD REVISIONS

The State Board is asked to approve revisions to the following curriculum standard(s):

Fayetteville Technical Community College
Central Sterile Processing (Certificate) (C45180)

Pitt Community College
Medical Dosimetry (Diploma) (D45450)

Contact Person:
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CURRICULUM STANDARD REVISION

Fayetteville Technical Community College
Central Sterile Processing (Certificate) (C45180)

Fayetteville Technical Community College is seeking approval to revise the Central Sterile Processing (Certificate) (C45180) curriculum standard, effective Fall 2013.

The proposed revision follows:

- Remove Anatomy & Physiology as a required subject area.

Please note: As a result of recent Curriculum Review Committee action (May 2013), the credit hours for STP 101 were revised from six semester hour credits to eight semester hour credits. In addition, the course description was revised to incorporate basic biological sciences and medical terminology.

As a result of the revisions, the core hours would change from 13 SHC to 12 SHC.

Rationale of Requesting College: Students in the Central Sterile Processing program require a basic knowledge of the biological sciences as it relates to their roles and responsibilities. The revised STP 101 course now incorporates those essential elements. Therefore, the required Anatomy & Physiology section is no longer needed.

Five colleges are approved to offer the program. The voting results follow:

1 college recommended the revision
3 colleges did not respond
1 college declined to vote

Coordinator: Ms. Renee Batts

PROPOSED CURRICULUM STANDARD

Effective Term
~~*Spring 2011*~~
Fall 2013
~~*[2011*01]*~~
*2013*03*

Curriculum Program Title **Central Sterile Processing (Certificate)** Code **C45180**

Concentration **(not applicable)**

Curriculum Description

The Central Sterile Processing curriculum is designed to prepare individuals for the field of Sterile Processing and Central Service Supply.

Students will develop skills necessary to properly disinfect, prepare process, store, and issue both sterile and nonsterile supplies and equipment for patient care. Also, students will learn to operate sterilizing units and monitor effectiveness of the sterilization process.

Graduates will receive a certificate and may be eligible to apply to take the National Institute for Certification of Healthcare Sterile Processing and Distribution Personnel Examination (CBSPD). Employment opportunities include surgery centers, dialysis facilities, and central processing units in hospitals.

*Curriculum Requirements**

[for associate degree, diploma, and certificate programs in accordance with 23 NCAC 02E.0204 (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 experience, including cooperative education, practicums, and internships, 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.*

Proposed *Major Hours*

[ref. 23 NCAC 02E.0204 (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 experience, including cooperative education, practicums, and internships, 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.

Central Sterile Processing (Certificate) C45180

	AAS	Diploma	Certificate
Minimum Major Hours Required	**49 SHC**	**30 SHC**	**12 SHC**
A. CORE **Required Courses:** STP 101 Intro Sterile Processing 8 SHC STP 102 STP Clinical Practice 3 SHC STP 103 Prof Success Prep 1 SHC ~~**Required Subject Areas:**~~ ~~**Anatomy & Physiology** Select one course~~ ~~BIO 106 Intro to Anat/Phys/Micro 3 SHC or~~ ~~BIO 161 Intro to Human Biology 3 SHC~~			~~**13**~~ **12 SHC**
B. CONCENTRATION *(Not applicable)*			
C. OTHER MAJOR HOURS *To be selected from the following prefixes:* BIO, CIS, COE, and STP *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.*			

CURRICULUM STANDARD REVISION

Pitt Community College
Medical Dosimetry (Diploma) (D45450)

Pitt Community College is seeking approval to revise the Medical Dosimetry (Diploma) (D45450) curriculum standard, effective Fall 2013.

The proposed revision follows:

- Add *DOS 270 Medical Dosimetry Capstone* as a required core course.

Please note: As a result of recent Curriculum Review Committee action (May 2013), the hours for DOS 220 were revised from three semester hour credits to two semester hour credits.

As a result of the revisions, the core hours would change from 37 SHC to 38 SHC.

Rationale of Requesting College: Past graduates of the Medical Dosimetry program have had to wait at least six months post-graduation before being able to take the Medical Dosimetry Certification Exam. Graduates can now take the exam immediately following graduation. DOS 270 will provide a comprehensive review of the didactic and clinical components of the Medical Dosimetry program in preparation for the Medical Dosimetry Certification Exam.

Pitt Community College is the only college approved to offer the program.

Coordinator: Ms. Renee Batts

PROPOSED CURRICULUM STANDARD

Effective Term
~~Spring 2013~~
Fall 2013
*~~[2013*01]~~*
*2013*03*

Curriculum Program Title: **Medical Dosimetry (Diploma)** Code: **D45450**

Concentration: **(not applicable)**

Curriculum Description

The curriculum is designed to prepare ARRT certified radiation therapists to work in the care of cancer patients as medical dosimetrist. The curriculum provides instruction to enable the participant to become a member of the radiation oncology team.

The curriculum content includes specific coursework to provide classroom and direct clinical experience to train the student in the fundamentals of medical dosimetry practice using current technology, tools and techniques. Students will participate in studies related to the role of the medical dosimetrist and professional ethics, radiation oncology anatomy, treatment planning, dose calculations, clinical oncology, brachytherapy, dosimetry physics, radiation protection, quality assurance and computer applications.

Graduates of the program will be able to obtain employment as a medical dosimetrist and apply to the Medical Dosimetrist Certification Board (MDCB) to sit for a national certification.

Admission criteria include the completion of a bachelors degree.

*Curriculum Requirements**

[for associate degree, diploma, and certificate programs in accordance with 23 NCAC 02E.0204 (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 experience, including cooperative education, practicums, and internships, 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.*

Proposed *Major Hours*

[ref. 23 NCAC 02E.0204 (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 experience, including cooperative education, practicums, and internships, 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.

Medical Dosimetry (Diploma) (D45450)

	AAS	Diploma	Certificate
Minimum Major Hours Required	**49 SHC**	**30 SHC**	**12 SHC**
A. CORE **Required Courses:** DOS 210 Introduction to Dosimetry 2 SHC DOS 220 Treatment Planning I 2 SHC DOS 221 Treatment Planning II 2 SHC DOS 230 Clinical Research Exper 2 SHC DOS 240 Clinical Education I 8 SHC DOS 241 Clinical Education II 8 SHC DOS 242 Clinical Education III 5 SHC DOS 243 Dosimetry Physics 2 SHC DOS 250 Dose Calculations 2 SHC DOS 260 Brachytherapy Planning 3 SHC DOS 270 Medical Dosimetry Capstone 2 SHC		**~~37~~ 38 SHC**	
B. CONCENTRATION *(Not applicable)*			
C. OTHER MAJOR HOURS *To be selected from the following prefixes:* CIS, COE, CSC, CTS, DOS, RAD, and RTT *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.*			