

STATE BOARD OF COMMUNITY COLLEGES

**CURRICULUM PROGRAM APPLICATION
FOR CAPTIVE/CO-OPTED GROUPS
(For Action)**

The State Board will be asked to approve the curriculum program listed below on the condition that equipment funds are available to the college and operating funds generated by the budget formula will permit the offering of this program without any special allocation of funds.

**Pamlico Community College
Pamlico Correctional Institution (4850)
Dental Laboratory Technology (D45280)**

Contact Person:

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**PROGRAM APPLICATION
SUMMARY EVALUATION REPORT**

Pamlico Community College

Dental Laboratory Technology (D45280)

Captive/Co-opted Group/Facility: Pamlico Correctional Institution (#4850)

I. Program Planning

Pamlico Community College (PCC) is seeking approval for a Dental Laboratory Technology diploma program (D45280) to begin Fall 2015 at Pamlico Correctional Institution (PCI), a state correctional facility located in the college's service area.

The proposed program was approved for offering at the prison by the college Board of Trustees on June 16, 2015. Minutes from this Board meeting were attached to the program application. The President and the Board of Trustees have certified the following:

- They are supportive of providing this proposed curriculum program to inmate students at Pamlico Correctional Institution as part of an ongoing partnership with the NC Department of Public Safety's Division of Adult Correction and Juvenile Justice (DACJJ).
- They have documented that the program aligns with workforce training needs and industry standards, as well as aligning with the objectives of DACJJ to provide inmates with marketable skills training.
- They have assessed the resources required to maintain a viable program and certify that the college can operate the proposed program efficiently and effectively within the resources available to the college.
- There will be no additional start-up costs, as the college is currently teaching these workforce skills at the prison through their Continuing Education (CE) program and are able to utilize the same qualified instructor, classroom and lab space, equipment, and instructional resources. In addition, the prison system is providing start-up funds to cover first-year instructional costs related to the conversion to a curriculum program; funds to pay the tuition of the inmates in the program; and appropriately equipped classroom/laboratory space and instructional materials supplies.
- College and prison officials have jointly planned program content to align with the NCCCS curriculum standard, and prison officials have committed to sustaining the program by providing students on an ongoing basis who meet the admissions requirements.
- The college will complete a program accountability report including student success measures, enrollment trends, and completion rates three years after implementation of the program.

II. Program Rationale

Pamlico Community College indicates the following:

- At the request of the prison system, the college has operated a successful Continuing Education dental lab tech program at the prison for approximately five years as part of an in-prison Dental Production Lab managed by NC Correction Enterprises.
- The prison system utilizes program graduates to work in the production lab making appliances such as crowns, partials, and full removable dentures for inmates in state prisons, since DACJJ is responsible for providing dental care to inmates under its supervision. This provides inmates with work experience in the field.
- According to statistics provided by the NC Department of Commerce, there are currently more than 1,000 dental lab tech jobs throughout the state, with an average of 34 openings per year and a median annual wage of \$36,510.

III. Impact of the Proposed Program on Other Programs

The program is restricted to inmates housed in a prison facility within the college's service area, so it will not impact other colleges' programs.

IV. Implementation of Collaborative Plan

Not Applicable

V. Curriculum Design

The proposed program of study is in compliance with the State Board approved curriculum standard.

Coordinator: Ms. Tracy McPherson

C. Institutional Certification: Complete the following form and obtain required signatures. Form with original signatures should be included in the application.

Institutional Certification – Program for Captive and Co-opted Group

This curriculum program Dental Laboratory Technology A45280
(Program Title) (Program Code)

To be offered for Pamlico Correctional Institution
(Captive or Co-opted Facility)

will enhance the workforce of North Carolina, will provide educational and training opportunities consistent with the mission of the college, and will not duplicate the opportunities currently offered.

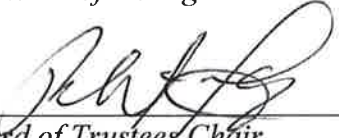
Pamlico Community College
(Community College Name)

has assessed the need for this program and the resources required to maintain a viable program and certifies that the college can operate this program efficiently and effectively within the resources available to the college.

The college understands that this proposed program will require a program accountability report that will include items such as student success measures, enrollment trends, completion rates, and employment data three years after implementation if the program is approved by the State Board.

(A copy of the minutes from the Board of Trustees meeting(s) where the proposed program was discussed and approved must be attached to the application.)

 6.16.15
Signature, President of College Date

 6-16-15
Signature, Board of Trustees Chair Date

 6-17-15
Signature, Captive/Co-opted Site Manager/Superintendent Date

CURRICULUM STANDARD

*Effective Term
Spring 2013
[2013*01]*

Curriculum Program Title	Dental Laboratory Technology	Code	A45280
Concentration	(not applicable)		

Curriculum Description

The Dental Laboratory Technology curriculum prepares individuals in the art and science of fabricating dental restorations. The dental technician fabricates dentures, partials, metal or porcelain crowns, and bridges. Technicians use specialized hand instruments and equipment and also work with various dental materials.

Course work includes in-depth studies of fabrication techniques for both fixed and removable dental prostheses. The dental laboratory technology student will be exposed to classroom, laboratory, and clinical rotation training.

Graduates may qualify to take the Recognized Graduate Examination administered by the National Board for Certification and may be employed by commercial laboratories, dental office laboratories, dental manufacturers, or as the owner of a dental laboratory.

*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.

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.

Dental Laboratory Technology A45280

	AAS	Diploma	Certificate																																	
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC																																	
<p>A. CORE <i>A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the required subject/course core of the AAS degree.</i></p> <p>Required Courses:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 15%;">DLT 111</td><td style="width: 65%;">Dental Anatomy/Physiology</td><td style="width: 20%;">5 SHC</td></tr> <tr><td>DLT 114</td><td>Dental Materials</td><td>3 SHC</td></tr> <tr><td>DLT 116</td><td>Complete Dentures</td><td>4 SHC</td></tr> <tr><td>DLT 118</td><td>Cast Partial Dentures</td><td>6 SHC</td></tr> <tr><td>DLT 123</td><td>Crown and Bridge</td><td>6 SHC</td></tr> <tr><td>DLT 126</td><td>Advanced Crown and Bridge</td><td>4 SHC</td></tr> <tr><td>DLT 211</td><td>Advanced Complete Dentures</td><td>6 SHC</td></tr> <tr><td>DLT 215</td><td>Advanced Partial Dentures</td><td>3 SHC</td></tr> <tr><td>DLT 217</td><td>Ceramic Techniques</td><td>5 SHC</td></tr> <tr><td>DLT 222</td><td>Advanced Ceramic Techniques</td><td>4 SHC</td></tr> <tr><td>DLT 224</td><td>Dental Lab Practice</td><td>2 SHC</td></tr> </table> <p>Required Subject Areas: None</p>	DLT 111	Dental Anatomy/Physiology	5 SHC	DLT 114	Dental Materials	3 SHC	DLT 116	Complete Dentures	4 SHC	DLT 118	Cast Partial Dentures	6 SHC	DLT 123	Crown and Bridge	6 SHC	DLT 126	Advanced Crown and Bridge	4 SHC	DLT 211	Advanced Complete Dentures	6 SHC	DLT 215	Advanced Partial Dentures	3 SHC	DLT 217	Ceramic Techniques	5 SHC	DLT 222	Advanced Ceramic Techniques	4 SHC	DLT 224	Dental Lab Practice	2 SHC	49 SHC	12 SHC	
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B. CONCENTRATION <i>(Not applicable)</i>																																				
<p>C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i></p> <p>BIO, CIS, COE, CSC, DLT, HSC, and PHS</p> <p><i>Foreign language courses (including ASL) that are not designated as approved other major hours may be included in all programs up to a maximum of 3 semester hours of credit.</i></p>																																				