

BLUEGRASS COMMUNITY AND TECHNICAL COLLEGE

**Dental Hygiene
Associate in Applied Science**

Academic Plan Code – 51060270119

Description:

This program prepares students to function as dental hygienists on a dental auxiliary team under the supervision of a dentist. The curriculum includes courses in general education and in dental hygiene as required by the Commission on Dental Accreditation. The program provides comprehensive educational experiences through lectures, clinical and related study in order that students may apply scientific knowledge in the performance of dental hygiene procedures. Students enrolled in the Dental Hygiene program must achieve a minimum grade of “C” in each Dental Hygiene and approved science course.

Upon completion, graduates are eligible to take the state licensing examinations for dental hygienists. As the only licensed dental auxiliary, dental hygienists may be employed in dentist offices, clinics, dental schools, public health and governmental agencies, industry and educational institutions. For more information about admission to the Dental Hygiene Program, please see the guidelines for the selective admission requirements.

DH 130	Dental Hygiene II	4
DH 131	Oral Biology II	5
DH 135	Dental Radiology	3
DH 136	Periodontics for the Dental Hygienist I	2
DH 220	Dental Hygiene III	4
DH 222	Special Needs Patients	3
DH 224	Dental Materials	2
DH 226	Periodontics for the Dental Hygienist II	2
DH 230	Dental Hygiene IV	4
DH 235	Principles of Practice	1
DH 238	Community Dental Health	4
	Subtotal Credit Hours	42
	Total Credit Hours	76 – 83
	Recommended Electives	0-6
DH 229	Local Anesthesia for the Dental Hygienist	(2)
DH 299	Independent Study Dental Hygiene	(1-4)

** The Dental Hygiene Program at BCTC (Cooper Campus) - requires that BIO 137 & 139 be successfully completed with a grade of C or higher prior to beginning DH 120.*

****CPR certification for the healthcare provider** must be obtained prior to enrolling in DH 120 and certification must be kept current throughout the Program.

**MANDATORY ATTENDANCE AT ONE
PREADMISSION CONFERENCE IS REQUIRED
PRIOR TO PROGRAM APPLICATION**

**Dental Assisting
Diploma**

Academic Plan Code -5106024019

Description:

The Dental Assisting Program prepares the student to function effectively as an integral member of the dental health team and to perform chairside assisting and related office and laboratory procedures under the direction and supervision of a dentist. The curriculum includes content areas in general studies, biomedical sciences, dental sciences, clinical sciences, radiography, and clinical experience. Students must achieve a minimum grade of “C” in each Dental Assisting (DAS) course, Dental Assisting/Hygiene (DAH) course, and approved science courses. Upon completion of the program, students are eligible to take the Dental Assisting National Board Examination to become a Certified Dental Assistant.

The Dental Assisting Program is accredited by the Commission on Dental Accreditation, a specialized accrediting agency of the American Dental Association.

Course Numbers	Course Title	Credit Hours
General Education Core		
Computer literacy must be demonstrated either by competency exam or by completing a computer literacy course. (KCTCS/BCTC Catalog)		(0-3)
BIO 137	Human Anatomy & Physiology I AND*	4
BIO 139	Human Anatomy & Physiology II *	4
BSL 214	Medical Microbiology OR	4
BIO 226	Principles of Microbiology	(3)
ENG 101	Writing I	3
ENG 102	Writing II	3
NFS 101	Human Nutrition and Wellness	3
PY 110	General Psychology	3
SOC 101	Introduction to Sociology	3
	Heritage/Humanities/Foreign Languages (KCTCS/BCTC Catalog)	3 - 4
	Mathematics (KCTCS/BCTC Catalog)	2 - 4
	Oral Communication (KCTCS/BCTC Catalog)	3
	Subtotal Credit Hours	34-41
Technical Core or Support Courses		
DH 120	Dental Hygiene I**	5
DH 121	Oral Biology I	3

(Courses are listed by category and not necessarily in the order to be taken)

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Course Number	Course Title	Credit Hours
Program Related Classes		
AHS 109	Introduction to Body Structure and Functions OR	4
BIO 130	Aspects of Human Biology OR	(3)
BIO 135	Basic Anatomy & Physiology with Laboratory OR	(4)
BIO 137	Human Anatomy & Physiology I AND	(4)
BIO 139	Human Anatomy & Physiology II	(4)
	Computer Literacy	1-3
	Three Credit Hours from the Humanities, Mathematics, or Behavioral Sciences	3
	Subtotal Credit Hours	7-14
Integrated Classes		
DAH 101	Infection Control & Medical Emergencies	2
DAH 111	Preventive Dentistry	2
DAH 121	Dental Sciences	3
DAH 131	Oral Pathology	3
DAH 135	Oral Radiology	2
DAH 224	Materials in Dentistry	2
DAH 235	Practice Management	1
	Subtotal Credit Hours	15
Dental Assisting Only Classes		
DAS 120	Dental Assisting I	5
DAS 220	Dental Assisting II	6
DAS 251	Clinical Externship I	4
DAS 261	Clinical Externship II	2
	Subtotal Credit Hours	17
	Total Credit Hours	39-46

Dental Assisting Certificate (Offered at Leestown)

Course Number	Course Title	Credit Hours
Expanded Duties - Dental Academic Plan Code - 5106023019		
DAH 150	Expanded Duties	8
	Total Credit Hours	8

Guidelines for Admission to the Dental Hygiene Program

The following information has been taken from the *Rules of the Faculty of Bluegrass Community and Technical College* and is subject to change without notice. All applicants meeting the appropriate academic requirements and technical standards

shall be considered equally for admission to Bluegrass Community and Technical College or to any academic program thereof regardless of economic or social status, and without discrimination on the basis of race, color, religion, sex, marital status, beliefs, age, national origin, sexual orientation, or physical or mental disability.

Technical Standards

The delivery of Dental Hygiene care can be characterized as the application of specific knowledge to skillful performance. Therefore, in order to be considered for admission or to be retained in the program after admission, all applicants should possess:

- 1) Sufficient visual acuity, such as is needed in the preparation and administration of therapeutic agents and for the observation necessary for patient periodontal assessment as in taking vital signs.
- 2) Sufficient auditory perception to interpret verbal communication from patients and members of the health care team and to assess health needs of people through the use of monitoring devices, such as the stethoscope.
- 3) Sufficient gross and fine motor coordination to perform the delicate manual intraoral operations required of dental personnel, such as is needed in the scaling of teeth.
- 4) Sufficient verbal and non-verbal communication skills (speech, reading, and writing) such as are needed in classroom and clinical settings to interact with patients and professional personnel.
- 5) Sufficient intellectual and emotional functions to plan and implement care for individuals, such as are required in developing a dental hygiene treatment plan.

Admission to the Dental Hygiene Program

Each applicant must submit the following credentials to the BCTC Office of Admissions by February 15, 2009, in order to be considered for admission to the summer 2009 program:

- 1) Students who are currently enrolled in classes at BCTC must fill out a Letter of Intent, available in the Office of Admissions, 200 Oswald Building (OB 200) or online at <https://mybin.bluegrass.kctcs.edu>. Students who are not currently enrolled in classes at BCTC must fill out an application for admission, also available in the Office of Admissions (OB 200) or online at www.bluegrass.kctcs.edu/sa/admissions.
- 2) An official high school transcript or official passing GED scores. Transcripts must show a date of graduation. This is also required of students with college work.
- 3) Official scores of the American College Test (ACT) or the Scholastic Assessment Test (SAT). This is also required of students with college work.
- 4) Official transcripts of all post-secondary education attempted. Transcripts must be submitted from EACH college or university attended, except from Kentucky Community and Technical College System colleges, and must show all periods of enrollment.

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- 5) Evidence of work and/or observation in a dental environment as documented on the Dental Hygiene Observation/Work Experience Form (Available at the end of the Guidelines for Selective Admissions section of the Catalog.)
- 6) Attendance at one pre-admission conference is mandatory. You may attend the conference of your choice (see Pre-admission Conferences).

Preference Categories

- 1) Preference will be given to candidates who have an enhanced ACT score of 21 or above.
- 2) Preference will be given to candidates who have achieved a grade point average of 3.0 or better in post-secondary education (on 12 or more college credits). Students with college credit must have at least a 2.5 grade point average to be considered for admission.
- 3) Preference will be given to candidates who submit evidence 24 or more hours of work and/or observation experience in a dental environment.
- 4) Preference will be given to candidates who have completed, in the approved curriculum, anatomy, physiology, microbiology, and/or chemistry coursework with a grade of "B" or better.
- 5) Preference will be given to Kentucky residents.
- 6) Preference may be given to candidates who have completed a bachelor's or higher degree from an accredited college or university.
- 7) Preference may be given to Certified Dental Assistants. Candidates whose credentials fall below the minimum criteria may be informed of an early decision regarding their admission status.

Pre-admission Conferences

Candidates' questions will be addressed at pre-admission conferences. Conferences are mandatory; each candidate must attend one of the following pre-admission conferences.

Conference Date	Conference Time	Conference Location (Cooper Campus*)
September 8, 2008	3:00–4:00 p.m.	Oswald Building – Room TBA
October 20, 2008	3:00–4:00 p.m.	Oswald Building – Room TBA
December 1, 2008	3:00–4:00 p.m.	Oswald Building – Room TBA
January 29, 2009	6:00–7:00 p.m.	Oswald Building – Room TBA

*The locations of conferences will be posted in the lobby of the Oswald Building, Cooper Campus, on the date of the conference. Free parking is available in the "K" (blue) lot by Commonwealth Football Stadium for the conferences. If you park in front of Cooper campus in the "C6" (green) lot, you may be ticketed or towed.

(Courses are listed by category and not necessarily in the order to be taken)

Rolling Admissions

Applicants will be considered for rolling admission who have completed the admission process, have a composite score of *21 or higher* on the enhanced ACT, and have a cumulative grade point average of *3.5 or higher* (on a 4.0 scale) on *eighteen* or more college credit hours OR a 3.0 GPA with an earned Bachelor's Degree. In addition, at least *two* of the courses completed **must** be a Human Anatomy and Physiology or Microbiology course from the approved curriculum, with a grade of "B" or better. Students meeting these criteria *may* be informed of immediate admission.

Readmission Guidelines

- 1) A student who withdraws from or earns a grade lower than a "C" in one of the approved science courses and/or in a dental hygiene course will not be permitted to continue in the Dental Hygiene Program. A student who does not meet the Technical Standards of the program will not be permitted to continue in the program.
- 2) Applicants who wish to apply for readmission should do so prior to February 15 if planning to enroll for the summer session or the fall semester or October 1 if planning to enroll in the Spring semester.
- 3) Readmission to the Dental Hygiene Program will be dependent upon available resources.
- 4) In order to be considered for readmission by the Admissions Committee, the applicant must do the following:
 - a.) Submit a written request to the Dental Hygiene Program Coordinator presenting evidence to justify readmission. This may include letters of recommendation from a previous faculty member or coordinator, additional course work, work experience, etc.
 - b.) Meet current guidelines for admission to the College and the Dental Hygiene Program.
- 5) Readmission may be contingent upon the candidate's agreeing to audit previously completed course work.
- 6) A student who applies for readmission to the Dental Hygiene Program must provide significant evidence which suggests the potential for future success in the program. This evidence may address such things as unusual circumstances, remedial study, and/or additional preparation.

Transfer

Applicants who wish to transfer from another Dental Hygiene Program to the BCTC Program must 1) meet all admission requirements, 2) apply at least two months prior to the expected date of enrollment, and 3) notify the Coordinator in writing, stating anticipated entry date and reason for transfer. Acceptance of any transfer student will be dependent upon available resources.

Articulation Agreements

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Should a student elect to enroll for credit in any course for which he or she may qualify for credit earned through an articulation agreement, he or she forfeits the right to receive credits for that course via the articulation agreement. Students who elect to articulate must have graduated from a qualifying Dental Assisting Program within the last three years. If you feel you meet articulation requirements, please contact the Dental Hygiene Program Coordinator for more information.

Selection of Students

The President of Bluegrass Community and Technical College will select the students for the Dental Hygiene Program after considering the recommendations of the Admissions Committee. The Admissions Committee includes the Dental Hygiene Program Coordinator, the Director of Admissions, the Assistant Dean of the Allied Health Division, a Dental Hygiene faculty member, a counselor, and a faculty member-at-large.

Observation/Work Experience

Candidates must submit evidence of work experience or observation in an office with a dentist and dental hygienist. The Observation/Work Experience Form must be returned to the following address by February 15, 2009:

Bluegrass Community and Technical College
Office of Admissions
200 Oswald Building
470 Cooper Drive
Lexington, KY 40506-0235

Required if You Are Admitted to the Program

BCTC requires that students in health programs be protected from certain infectious diseases. Prior to enrolling in the Dental Hygiene Program, you will be required to provide documentation (photocopies, not the originals) of the following:

- 1) Valid current CPR certification for Healthcare Providers
- 2) PPD Skin test results
- 3) Rubella Titer immunity status
- 4) Measles (Rubella) immunization (verification of a prior case or immunization as certified by a physician)
- 5) Initiation of Hepatitis B vaccine (or declination form)
- 6) Proof of health insurance (private or UK Student Health)

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Dental Hygiene Observation/Work Experience Form

The person who supervises the observation/experience must sign the statement of observation/work experience form. When completing this statement, indicate the types of dental-related experience. Question # 4 should be itemized as to hours, days, weeks, etc. PLEASE ESTIMATE THE TOTAL NUMBER OF HOURS OF OBSERVATION/WORK EXPERIENCE. This document will be given consideration as a factor in the applicant's admission to the program.

1. Applicant Name: _____ SS#: _____

2. Salaried Employee : _____ Unsalared Employee: _____

3. Please check all applicable types of experience that pertain to the applicant.

_____ Observed Dental Procedure _____ Performed Reception-Secretary Duties

_____ Assisted Chairside _____ Provided Patient Education

_____ Performed Other Duties—specify _____

4. Please specify the amount of time devoted to dental hygiene-related work and/or observation by completing the following:

Date under supervision:

From: _____ 20____ To: _____ 20____

Hours Per Day _____ Months Per Year _____

Days Per Week _____ Years _____

Weeks Per Month _____ Total Number Of Hours _____

5. Are you a graduate of an accredited dental assisting program? Yes No

6. If you answered yes to #5, have you successfully passed the DANB? Yes No
If so, please provide documentation of the DANB certificate.

7. Please write any additional comments on a separate piece of paper.

Signature of Supervising Dental Hygienist Date

Signature of Supervising Dentist Date

This form must be completed and returned by February 15 of the year in which you wish to enroll.
Please send this form to:

**Bluegrass Community and Technical College
Office of Admissions
200 Oswald Building, 470 Cooper Drive
Lexington, KY 40506-0235**