



DENTAL HYGIENE INTEGRATED PROGRAM

Thank you for your interest in the Dental Hygiene Integrated Program offered by the Kentucky Community and Technical College System (KCTCS). Participating campuses include Big Sandy Community and Technical College (Prestonsburg Campus) and Somerset Community College (London Campus).

Students who complete the **Dental Hygiene Integrated Program** are awarded an Associate of Applied Science degree from Big Sandy Community and Technical College.

Participating campuses in the **Dental Hygiene Integrated Program** are Big Sandy Community and Technical College and Somerset Community College.

****Please note that Bluegrass Community and Technical College does offer a separate selective admission Dental Hygiene Program at the Cooper Campus in Lexington, which is totally separate from the integrated program outlined in this informational packet and requires a totally separate application.**

This program is accredited by the American Dental Association Commission on Dental Accreditation (CODA). Any inquiries or complaints against the Integrated Program can be submitted to the Program Coordinators or college staff. If dissatisfied with the response given by the college, please contact CODA at the following address: CODA, 211 East Chicago Avenue – Suite 1900, Chicago, IL 60611-2678.

KCTCS is an equal opportunity employer and educational institution.

DENTAL HYGIENE INTEGRATED PROGRAM HIGHLIGHTS

This innovative approach to dental auxiliary education provides an avenue of training for students at three different Kentucky sites. This enables students at each site to receive an equally well-rounded education in their chosen discipline. Some of the innovations that are utilized include:

- 1. Distance learning.** Instructors at the sender site provide the same educational materials to students at the receiver sites through instructional television (ITV). Lectures and demonstrations are sent to each site simultaneously, enabling the students the opportunity to learn with their classmates as well as with the students at the other sites.
- 2. Combined learning experiences for the Dental Assisting and Dental Hygiene students.** Seven of the courses required for completion of the Dental Assisting Integrated Program and the Dental Hygiene Integrated Program have been identified as being so similar in nature that they are integrated into both programs. Because of this, assisting and hygiene students attend these seven core courses together, providing every student the opportunity to view how his/her chosen discipline interacts with the other. This also enables a dental assisting student who applies for and is accepted into dental hygiene to transfer 15 hours of coursework in the Dental Hygiene curriculum. This experience is invaluable. It demonstrates how the entire dental team must work together to provide quality care to patients.
- 3. Small class size at each site.** There are 10-20 assisting students and 4-9 hygiene students per class at each site. This provides a low student-to-faculty ratio, allowing more personal interaction with faculty.
- 4. Community professional resources provide an understanding of the principles of dental practice.** Dental professionals in each community give students extensive experience in dental care delivery. Adjunct faculty, office visits, and guest lecturers are just some of the ways the students acquire knowledge about dental care. All involved have the common goal of providing the best dental auxiliary education possible.

PROGRAM COMPLETION

Dental Hygiene graduates are awarded an Associate of Applied Science degree from BSCTC and are eligible to take the National Dental Hygiene Board Examination and state and/or regional board examinations. This leads to licensure as a Registered Dental Hygienist.

We are excited about this approach to dental assisting and dental hygiene education. With the utilization of new technology, quality faculty and support staff, the education received by our students is of the highest quality.

If your interests lie in Dental Hygiene, we hope you will give our program a careful look. Our main purpose is to provide students with the best education possible in their chosen field. We are confident that these exciting programs will exceed your expectations.

APPLICATION PACKET AND CONTACT INFORMATION

This application packet includes:

1. College and program admission requirements and application instructions
2. KCTCS Application for Admission
3. Application for Admission to the Dental Assisting/Dental Hygiene Integrated Program
4. Preadmission conference attendance form
5. Application portfolio checklist
6. Dental Assisting/Dental Hygiene Integrated Program curriculum
7. Information regarding the Dental Assisting and Dental Hygiene professions

Dental Hygiene Integrated Program

Dr. Jill Keaton – Dental Hygiene Program Coordinator
Big Sandy Community and Technical College 606-889-4726

Pam Ray – Dental Hygiene Instructor
Big Sandy Community and Technical College 606-886-3863

Carmen Fields – Dental Hygiene Instructor
Somerset Community College 606-878-4712

Olivia Ritchie – Dental Assisting Instructor
Big Sandy Community and Technical College 606-886-7396

Patsy Smallwood – Dental Assisting Instructor
Somerset Community College 606-878-4789

SELECTIVE ADMISSION PROCESS

The Dental Hygiene Integrated Program ranks and selects candidates through a selective admissions process. An Admissions Committee will determine academic eligibility and applicants will be ranked accordingly. Once applicants have been accepted, they will be notified via letter. The remaining applicants will be placed on an alternate list and will be notified via letter should vacancies occur. Each candidate's rank is confidential.

Listed below are categories that are used to rank students who meet the stated preferences.

Dental Hygiene Integrated Program Admission Preferences:

1. ACT composite score of 20 or above or the equivalent on the COMPASS (Reading 81, Algebra 35 and Writing 70)
2. Completed 12 or more credit hours in the approved curriculum with a cumulative GPA of 3.0 or better
3. Cumulative GPA of 3.0 or better in postsecondary education or training
4. Completion of the following courses with a grade of C or better:
 - ENG 101 – Writing I
 - BIO 137 – Human Anatomy & Physiology I
 - BIO 139 – Human Anatomy & Physiology II
 - BIO 225 – Medical Microbiology
5. Applicants who have completed or who are on track to complete a KCTCS Dental Assisting Program.

PRE-ADMISSION CONFERENCE

A pre-admission conference with the Coordinator or the Coordinator's designee is **required** prior to an applicant's consideration by the Dental Assisting/Dental Hygiene Integrated Program Admissions Committee. The dates and times are as follows (**students must attend one**):

October 4, 2017	4:00 PM – 5:00 PM
November 15, 2017	4:00 PM – 5:00 PM
January 17, 2018	4:00 PM – 5:00 PM
February 8, 2018	4:00 PM – 5:00 PM

These conferences will take place simultaneously in the ITV labs as listed below (ie, students may attend the conference at either of the campuses listed below according to the schedule above).

Big Sandy Community and Technical College – Prestonsburg Campus, Johnson Building, Room 117

Somerset Community College – Laurel North, LN2Building, Room 118

APPLICATION PROCEDURES AND INSTRUCTIONS **DENTAL HYGIENE INTEGRATED PROGRAM**

All students must be generally admitted to Big Sandy Community and Technical College before they will be considered for the Dental Hygiene Integrated Program. Please follow steps 1-6 as outlined below in order to apply for both general admission to BSCTC and to the Dental Hygiene Integrated Program. (Please note: Students that attend the Dental Hygiene Integrated Program at either of the participating campuses will be BSCTC students.)

1. Complete and submit the KCTCS Application for Admission and mail it with your completed application packet to the address below (Big Sandy Community & Technical College). It is important that students list all colleges attended, including KCTCS colleges. If you are currently enrolled at BSCTC, complete steps 2-6.
2. Submit an **official** copy of a high school transcript or GED scores **AND official** college transcripts from any college(s) attended (showing every period of enrollment) to Big Sandy Community and Technical College. Students **do not** have to submit copies of transcripts from any KCTCS colleges they may have attended.
3. Submit **official** ACT or COMPASS placement test scores. If students have not taken the ACT or COMPASS exam, they will need to make arrangements to do so. However, the scores must be submitted before 5:00 pm EST **March 15, 2018**, and it is the student's responsibility to ensure that the Dean of Student Services receives an official copy of the scores prior to the application deadline
4. Complete and submit the application form for the Dental Hygiene Integrated Program (included in this packet).
5. **All students must attend one mandatory pre-admission conference to be considered for the Dental Hygiene Integrated Program. Complete and have signed by proctors the Pre Admission Conference Form included in this packet on the date of attendance. Students may attend the conference before or after they apply. Students will not be considered for the program unless they attend one of the conferences. Dates and times are listed under the section entitled "Selective Admission Process."**

Prospective Dental Hygiene students must submit **ALL** of the above required documentation to the address listed below, regardless of any previous applications that have been submitted, by 5:00 pm EST **March 15, 2018**. Incomplete application portfolios **will not** be considered. The Admissions Committee is not responsible for documentation that is not mailed or hand-delivered to the address listed below.

Jimmy Wright
Dean of Student Services
Big Sandy Community and Technical College
One Bert T. Combs Drive
Prestonsburg, KY 41653
606-886-4726

DENTAL HYGIENE INTEGRATED PROGRAM
APPLICATION FORM – FALL 2018

Please fill out this application completely.

Name: _____
 Last Name First Name Middle Initial

Social Security Number: _____ Email Address: _____

Home Address: _____

_____ _____ _____
City State Zip

Home Phone: _____ Work Phone: _____

Cell Phone: _____

I am interested in the following program: _____ Dental Assisting _____ Dental Hygiene

I am interested in attending program classes at: (please mark only one campus)

_____ Big Sandy Community and Technical College, Prestonsburg, KY (Dental Assisting and Dental Hygiene offered)

_____ Somerset Community College, London, KY (Dental Assisting and Dental Hygiene offered)

Please tell us why you desire to enter this program:

Please use back of sheet if necessary.

Signature: _____ Date: _____

DENTAL HYGIENE INTEGRATED PROGRAM
PRE ADMISSION CONFERENCE FORM

I, _____ submit this form as verification of my attendance

of a Dental Hygiene pre admission conference on _____

Date

Faculty / Staff

DENTAL HYGIENE INTEGRATED PROGRAM **APPLICATION PORTFOLIO CHECKLIST**

KCTCS APPLICATION FOR ADMISSION

Complete and submit the KCTCS Application for Admission and mail with your completed packet to Big Sandy Community and Technical College, **even if you are currently enrolled at or have applied to another KCTCS college.** It is important that students list all colleges attended, including KCTCS colleges.

OFFICIAL HIGH SCHOOL/ GED AND/OR OFFICIAL COLLEGE TRANSCRIPTS

Submit an **official** copy of a high school transcript or official GED scores **AND official** college transcripts from any college(s) attended (showing every period of enrollment) to Big Sandy Community and Technical College. Students **do not** have to submit copies of transcripts from any KCTCS colleges they may have attended.

OFFICIAL ACT TEST SCORES OR COMPASS PLACEMENT TEST SCORES

Submit **official** ACT or COMPASS placement test scores. If students have not taken the ACT or COMPASS exam, they will need to make arrangements to do so. However, the scores must be submitted by 5:00 pm EST on **March 15, 2018.** and it is the student's responsibility to ensure that the admissions office receives an official copy of the scores prior to the application deadline.

PROGRAM APPLICATION

Complete and submit the application form for the Dental Hygiene Integrated Program (included in this packet).

MANDATORY PRE-ADMISSION CONFERENCE FORM

All students **must** attend one mandatory pre-admission conference to be considered for the Dental Hygiene Integrated Program. Complete and have signed by proctors the Pre Admission Conference Form included in this packet on the date of attendance. Students may attend the conference before or after they apply. Students **will not** be considered for the program unless they attend one of the conferences. Dates and times are listed under the section entitled "Selective Admission Process."

The deadline to submit and meet **ALL** of the above listed materials and requirements is 5:00 pm EST on **March 15, 2018.** Incomplete application portfolios **will not** be considered. Application portfolios should be mailed or brought to the following address:

Jimmy Wright
Dean of Student Services
Big Sandy Community and Technical College
One Bert T. Combs Drive
Prestonsburg, KY 41653
606-886-4726

Dental Hygiene Integrated Program Curriculum
Big Sandy Community & Technical College

ID#: _____ NAME: _____

General Education			Hours	Grade	Semester Taken
ENG	101	Writing I	3	_____	_____
ENG	102	Writing II	3	_____	_____
BIO	137	Human Anatomy & Physiology I	4	_____	_____
BIO	139	Human Anatomy & Physiology II	4	_____	_____
BIO	225	Medical Microbiology	4	_____	_____
COM	181 or 252	Oral Communications	3	_____	_____
PY	110	General Psychology	3	_____	_____
MT	110 or 150	Applied Math or College Algebra	3	_____	_____
SOC	101	Introductory Sociology	3	_____	_____
_____	_____	Heritage/Humanities	3	_____	_____
			Total	33	

FIRST YEAR

FALL SEMESTER					
DAH	101	Infection Control / Medical Emergencies	2	_____	_____
DAH	121	Dental Sciences	3	_____	_____
DAH	124	Materials in Dentistry	2	_____	_____
DAH	135	Oral Radiology	2	_____	_____
DHG	120	Pre-Clinical Dental Hygiene	3	_____	_____
			Total	12	

SPRING SEMESTER					
DAH	131	Oral Pathology	3	_____	_____
DHG	130	Clinical Dental Hygiene I	3	_____	_____
DHG	132	Pharmacology	2	_____	_____
DHG	134	Dental Nutrition	2	_____	_____
DHG	136	Periodontology	1	_____	_____
			Total	11	

SECOND YEAR

FALL SEMESTER					
DHG	220	Clinical Dental Hygiene II	4	_____	_____
DHG	226	Advanced Periodontology	2	_____	_____
			Total	6	

SPRING SEMESTER					
DAH	235	Practice Management	1	_____	_____
DHG	238	Community Dental Health Issues	2	_____	_____
DHG	230	Clinical Dental Hygiene III	3	_____	_____
			Total	6	

Total Required 68

ELECTIVE

SPRING SEMESTER					
DHG	221	Local Anesthesia & Nitrous Oxide Sedation	2	_____	_____

Total Required + Elective 70

**** Refer to the KCTCS Catalog for a list of courses to fulfill the Heritage/Humanities requirement as well as the KCTCS Assessment and Placement Policy.**

DENTAL HYGIENE

If you like helping people, enjoy working with your hands as well as your mind, and are interested in helping to prevent disease while assisting patients to maintain their health, a career as a dental hygienist may be for you.

Dental hygienists are important members of the dental health care team who work with dentists in the delivery of dental care to patients. Hygienists use their knowledge and clinical skills to provide dental hygiene care for patients. They use their interpersonal skills to motivate and instruct patients on methods to prevent oral disease and to maintain oral health.

Dental hygiene offers women and men of all ages, races and ethnic backgrounds exceptional career opportunities. A minimum of two years of college education that combines classroom and clinical coursework is necessary to become a dental hygienist. This education prepares graduates to provide care to patients in dental offices, clinics and educational or health care institutions. Studying in an accredited program provides education that is based on the latest procedures and techniques.

Dental hygienists are a valuable asset in a dental practice. In addition to performing technical duties, they play an important role in teaching patients appropriate oral hygiene techniques and counseling them regarding good nutrition and its impact on oral health.

In the dental office, the dentist and the dental hygienist work together to meet the oral health needs of patients. Since each state has its own specific regulations regarding their responsibilities, the range of services performed by hygienists varies from state to state. Some of the services provided by dental hygienists may include:

- taking and developing dental radiographs (x-rays);
- removing calculus and plaque (hard and soft deposits) from all surfaces of the teeth;
- applying preventive materials to the teeth (e.g., sealants and fluorides);
- teaching patients appropriate oral hygiene strategies to maintain oral health; (e.g., tooth brushing, flossing and nutritional counseling);
- counseling patients regarding good nutrition and its impact on oral health;
- making impressions of patients' teeth for study casts (models of teeth used by dentists to evaluate patient treatment needs); and
- performing documentation and office management activities.

Since each state has its own specific regulations regarding the dental hygienists' responsibilities, the range of services provided by a dental hygienist varies from state to state. Responsibilities generally include removing deposits from teeth and providing oral health education.

Edited from the following American Dental Association website:

<http://www.ada.org/en/education-careers/careers-in-dentistry/dental-team-careers/dental-hygienist>

STATEMENT OF UNDERSTANDING HEALTH OCCUPATIONS PROGRAM

I have read and understand each of the following statements:

- I. The program requires a period of assigned, guided clinical experience either in the school or other appropriate facility.
- II. For educational purposes and practice on "live models", I consent in allowing other students to practice procedures upon me as I will practice these same procedures on them under the guidance and direct supervision of my instructor. The nature and education objectives of these procedures have been fully explained to me. No guarantee or assurance has been given by anyone as to any problem that might be incurred as a result of these procedures.
- III. The clinical expectations of the health occupations department include:
 - A. Work environment:
 1. Works in usually well maintained areas of various light intensities due to the 24-hour nature of the health care industry. The majority of the time is indoors.
 2. The health care industry is considered on OSHA-CDC Category 1 environment. This includes "tasks that involve exposure to blood, body fluids, or tissues. Includes all procedures or other job-related tasks that involve an inherent potential for mucous membrane or skin contact with blood, body fluids with visible blood, or other fluids or tissues, or a potential for spills or splashes. Protective barriers are required."
 3. Subject to frequent interruptions and long irregular hours in a stressful environment.
 4. Must be able to maintain concentration in fine detail while remaining alert to the environment. Attend to functions for more than 60 minutes at a time.
 5. Communicates effectively, in writing, electronically, and verbally with a variety of individuals of diverse position, race, creed, color, national origin, religion, age, disability, and temperament. This includes dentists, physicians, health care facility management, patients and their families, visitors, and other members of the health care team.

6. May be exposed to hostile patients or other sources of violence in the workplace.
 7. May be exposed to infectious or communicable disease such as, but not limited to
 - a. Hepatitis
 - b. AIDS
 - c. Tuberculosis
 - d. Herpes
 8. May be exposed to hazardous materials such as:
 - a. Various biological agents including blood, saliva, or other identified or unknown body fluids.
 - b. Various types of ionizing nuclear materials in different kinds and amounts under reasonably anticipated situations.
 - c. Various types of flammable agents used in the health care industry.
 - d. Various chemical hazards, including, but not limited to:
 - 1) Carcinogens
 - 2) Teratogens
 - 3) Poisons
 - 4) Ashphyxiants
 - e. Various explosive hazards, both from known or unknown sources.
 9. May be exposed to internal or external disasters.
 10. May be required to use ramps, stairs, or ladders for various job tasks.
 11. May be periodically exposed to physical injury (burns, cuts, needle sticks, etc.).
 12. May be exposed to electrical hazards.
 13. May be subjected to a variety of noises, usually of a moderate level.
 14. Must be able to tolerate environmental fluctuations of temperature and humidity.
- B. Physical requirements:
1. Sits, bends, stands, stoops, crouches, or crawls, reaches overhead, turns, lifts, and moves, sometimes in tight spaces, intermittently throughout the clinical experience and program.
 2. Seizing, grasping, holding, turning, twisting, or to otherwise manipulate with the hand or hands for injections, equipment operation, resuscitation, etc.

3. 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;
4. Sufficient auditory perception to interpret verbal communication from patients and members of the health team and to assess health needs of people through the use of monitoring devices such as the stethoscope;
5. 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;
6. 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; and
7. Sufficient intellectual and emotional functions to plan and implement care for individuals, such as are required in developing a dental hygiene treatment plan.
8. Physically able to work beyond normal working hours including overtime, evenings, nights, weekends, and/or various holidays as required by the situation.
9. Lift and move supplies, equipment, dental medical records, patients, etc. as needed. Depending on position must be able to lift up to 50 pounds without assistance, 100-250 pounds with assistance. Must be able to carry objects weighing 50 pounds or more in the duty area. Must be able to move by pulling or pushing up to 250 pounds by wheeled device.
10. Retrieve supplies and equipment from the floor to elevated shelving which may require moving mobile access equipment (ladders, stools, carts, etc.).
11. Be able to perform cardiopulmonary resuscitation for any age group without accommodation for at least 15 to 30 minutes.
12. Possess excellent eye-hand coordination for palpation of landmarks, and maintenance of sterile environments.
13. Perceive such attributes of objects and materials as size, shape, relative temperature, texture, motion, etc. by means of receptors in the skin as in measuring a patient's pulse or skin condition.
14. Ability to perceive or recognize similarities or subtle differences in colors, or in the shape or other values of the same color: to identify a particular color

or its components in an individual's skin color as an assessment of wellness, etc.

15. Remember task/assignment for full shift.

- IV. These clinical experiences are assigned by the instructor for their educational value and thus no payment (wages) will be earned or expected.
- V. **It is understood I may/will be a student within off-site clinical facilities that affiliate with my school and/or off-site functions such as Health Fairs, Dental Conventions, Board Review Courses, and C.E. courses, all of which I will conduct myself accordingly and per KCTCS, Big Sandy Community and Technical College guidelines as stated in the Student Handbook. In addition, all required guidelines and published personnel, event policies, standards, philosophies, and procedures of these agencies/events will be followed.**
- VI. I have read and agree to abide by the school's policies, rules, and regulations related to my occupational program.
- VII. I understand information regarding a patient or former patient is confidential and is to be used only for clinical purposes within the education setting.
- VIII. I understand the educational experiences and knowledge gained during the program do not necessarily guarantee my passage of required board exams which would make me eligible for a job as a certified dental assistant; however, if all educational objectives and licensure requirements are successfully attained, I will be qualified for a job in this occupation
- IX. I understand any action on my part inconsistent with the above understandings may warrant suspension of my training.
- X. I understand that due to the multi-site nature of the dental assisting program travel is necessary, particularly to Big Sandy Community & Technical College (the degree awarding institution), at certain times during each semester.
- XI. I do / do not (circle one) give permission for the Program Coordinator, to discuss my academic progress with my parents and/or spouse.

***** Upon admittance a signed copy of this document will be required. Each student admitted into the program will receive a copy of this document at their respective orientations that includes signature lines in this position.