Dental Hygiene

Credentials

AAS Dental Hygiene 68 credits

Description:

This program prepares students to function as dental hygienists on a dental team under the general supervision of a dentist. The curriculum includes courses in general education and in dental hygiene as required by the Commission on Dental Accreditation and Kentucky state dental practice act. 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. Documentation of computer literacy as defined by KCTCS and Cardiopulmonary resuscitation (CPR) are required prior to admission to DHP courses.

Implementation: Fall 2012

Competencies:

AAS in Dental Hygiene

General Education Competencies:

- I. Communicate Effectively
 - 1. Read and listen with comprehension.
 - 2. Speak and write clearly using standard English.
 - 3. Interact cooperatively with others using both verbal and non-verbal means.
 - 4. Demonstrate information processing through basic computer skills.

II. Think Critically

- 1. Make connections in learning across the disciplines and draw logical conclusions.
- 2. Demonstrate problem solving through interpreting, analyzing, summarizing, and/or integrating a variety of materials.
- 3. Use mathematics to organize, analyze, and synthesize data.

III. Learn Independently

- 1. Use appropriate search strategies and resources to find, evaluate, and use information.
- 2. Make choices based upon awareness of ethics and differing perspectives/ideas.
- 3. Apply learning in academic, personal, and public situations.
- 4. Think creatively to develop new ideas, processes, or products.

IV. Examine Relationships in Diverse and Complex Environments

- 1. Recognize the relationship of the individual to human heritage and culture.
- 2. Analyze the relationship of the individual to the biological and physical environment.
- 3. Develop an awareness of self as an individual member of a multicultural global community.

Dental Hygiene Competencies:

Upon completion of the program, the graduate should be able to:

- 1. Provide for the oral health needs of individuals and communities by assessing, developing, implementing and evaluating a plan of care.
- 2. Provide oral health care that is tailored to the specific needs of persons with a variety of medical, physical or emotional conditions.
- 3. Recognize and assist in the management of medical and dental emergencies.
- 4. Perform oral prophylaxis including periodontal debridement, scaling, root planing, and selective polishing.
- 5. Utilize concepts of preventive dental care.

- 6. Utilize aseptic technique and universal (standard) precautions.
- 7. Participate in health-related activities in the community.
- 8. Demonstrate behavior in the best interest of the patient.
- 9. Perform decision-making and management skills.
- 10. Recognize the need for, expose, process and mount diagnostically acceptable radiographs.
- 11. Recognize normal landmarks and conditions as well as pathological entities that appear on radiographs.
- 12. Describe the properties and demonstrate the utilization of dental materials.
- 13. Acknowledge that dental hygiene practice is governed by individual state practice acts.
- 14. Identify professional goals and activities.
- 15. Recognize the need to update professional skills and knowledge.

Outline:

Program Title: Dental Hygiene Program

<u>Course</u> <u>Prefix</u>	<u>Course</u> <u>Number</u>	<u>Course Title</u>	Credit Hours
	GENERAL EDUCA	TION CORE	
BIO	137	Human Anatomy &	4
BIO	139	Physiology I* Human Anatomy & Physiology I*	4
BIO	226	Principles of Microbiology	3
PSY SOC	110 101	General Psychology Introduction to Sociology	3
		Heritage/Humanities Quantitative Reasoning Written Communication Oral Communication Subtotal Credits	3 3 3 3 29
TECHNICAL COURSES			
DHP	120	Dental Hygiene I**	4
DHP	121	Oral Biology I	3
DHP	122	Dental Nutrition	2
DHP	130	Dental Hygiene II	3
DHP	131	Oral Biology II	5
DHP	135	Dental Radiology	3
DHP	136	Periodontics I	2
DHP	220 222	Dental Hygiene III	3
DHP DHP	224	Special Needs Patients Dental Materials	2
DHP	226	Periodontics II	2
DHP	230	Dental Hygiene IV	3
DHP	235	Principles of Practice	1
DHP	238	Community Dental Health Subtotal Credits	3 39

		Total Program Credits	68
DHP	229	Local Anesthesia	(2)
DHP	299	Independent Study Dental Hygiene	(1-4)
ENG	102	Writing II	(3)
NFS	101	Human Nutrition and Wellness	(3)

RECOMMENDED ELECTIVES (NOT REQUIRED) – TOTAL HOURS (1-12)

Dates of Actions:

Approved:

Revised: May 2009, April 2011

^{*}The Dental Hygiene Program at BCTC requires that BIO 137 & BIO 139 or their equivalents be successfully completed with a grade of C or higher prior to beginning DHP 120.

^{**}Documentation of computer literacy as defined by KCTCS is required prior to admission to DHP courses. CPR certification for the healthcare provider must be obtained prior to enrolling in DHP 120 and certification must be kept current throughout the Program.