

Hagerstown Community College Dental Hygiene Program Curriculum Map

Program Outcomes 1st Year, Fall	Dental Hygiene Theory I (DHY 101) Fall 2016	Dental Hygiene Clinical 1 (DHY 102) Fall 2016	Dental Radiology (DHY 104)	Head , Neck and Oral Anatomy (DHY 108)
1. Prepare graduates with the knowledge and clinical competency required to provide current comprehensive dental hygiene services.	<ul style="list-style-type: none"> •Construct an overall view of the dental hygiene patient care process as preparation for clinical dental hygiene treatment. •Explain the dental hygiene process of care including patient management, dental hygiene diagnosis, consequences of biofilm, soft and hard deposits, oral health education techniques, and disease prevention strategies. 	<ul style="list-style-type: none"> •Demonstrate basic clinical dental hygiene skills and assessment procedures under self-assessment and direct observation conditions. 	<ul style="list-style-type: none"> • Illustrate proficiency in exposing, processing, and mounting analog and digital film radiographs. 	<ul style="list-style-type: none"> • Identify normal dental anatomy, physiology and structures to preclude the ability to identify abnormalities found in the human dentition. • Identify normal orofacial structures and physiology to preclude the ability to identify abnormalities found in the human dentition.
2. Interact effectively with patients, peers and dental health care members utilizing professional written and oral communication.		<ul style="list-style-type: none"> •Create clinical patient assessment documents that adhere to legal and ethical standards. 	<ul style="list-style-type: none"> • Develop positive patient management techniques, as applied to dental radiography. 	<ul style="list-style-type: none"> • Integrate dental terminology and knowledge of anatomy of the face and neck into the clinical practice of the dental patient examination.
3. Develop an identity of self, supportive of continuous learning and professional endeavor.				
4. Exhibit ethical behavior consistent with professional				

Hagerstown Community College Dental Hygiene Program Curriculum Map

conduct.				
5. Initiate and assume responsibility for health promotion and disease prevention activities.		<ul style="list-style-type: none"> • Develop a dental hygiene plan of action for a student partner, then complete and evaluate the oral prophylaxis process. 	<ul style="list-style-type: none"> • Describe the attributes of dental x-rays in relation to the benefit versus the risk of radiation exposure. 	
6. Acquire and synthesize information in a critical, scientific and effective manner.				<ul style="list-style-type: none"> • Integrate the knowledge of anatomy and cell histology of the orofacial structures into the clinical practice of patient examination.
7. Prepare graduates to be competent in the use of technology.			<ul style="list-style-type: none"> • Illustrate proficiency in exposing, processing, and mounting analog and digital film radiographs. 	

Hagerstown Community College Dental Hygiene Program Curriculum Map

Program Outcomes 1st Year, Spring	Dental Hygiene Theory II (DHY 110) Spring 2017	Dental Hygiene Clinical II (DHY 111) Spring 2017	Dental Materials and Procedures (DHY 112)	General and Oral Pathology (DHY 113)	Dental Pharmacology (DHY 116)
1. Prepare graduates with the knowledge and clinical competency required to provide current comprehensive dental hygiene services.	<ul style="list-style-type: none"> •Preparation for National Board Dental Hygiene Examination (NBDHE) and the American Dental Hygiene Licensing Examination (ADEX). 		<ul style="list-style-type: none"> • Describe the physical and chemical properties of dental materials as it relates to biocompatibility, biomechanics and the oral environment • Demonstrate the appropriate manipulation and safe handling of various dental materials in a clinical setting. 		<ul style="list-style-type: none"> •Evaluate the human physiology and importance of drug safety and use in the dental practice.
2. Interact effectively with patients, peers and dental health care members utilizing professional written and oral communication.				<ul style="list-style-type: none"> •Report the necessary clinical characteristics when describing an intra-oral or orofacial lesion, anomaly, variant or condition. 	
3. Develop an identity of self, supportive of continuous learning and professional endeavor.					

Hagerstown Community College Dental Hygiene Program Curriculum Map

<p>4. Exhibit ethical behavior consistent with professional conduct.</p>		<ul style="list-style-type: none"> • Demonstrate professional and ethical patient treatment skills in various clinical practice situations. 			
<p>5. Initiate and assume responsibility for health promotion and disease prevention activities.</p>	<ul style="list-style-type: none"> • Describe dental hygiene therapy and the proactive role in oral disease prevention, patient care. 	<ul style="list-style-type: none"> • Promote good oral and systemic health practices to all dental patients. 			<ul style="list-style-type: none"> • Formulate a healthy and ethical perspective for drug usage in dental procedures.
<p>6. Acquire and synthesize information in a critical, scientific and effective manner.</p>		<ul style="list-style-type: none"> • Apply critical thinking and problem solving skills to a variety of clinical procedures and clinical practice situations. 	<ul style="list-style-type: none"> • Analyze the principles of dental materials to rationalize the use of these materials. 	<ul style="list-style-type: none"> • Recognize and analyze oral lesions, anomalies, variants or conditions through clinical, radiographic and histological findings. 	
<p>7. Prepare graduates to be competent in the use of technology.</p>			<ul style="list-style-type: none"> • Demonstrate the appropriate manipulation and safe handling of various dental materials in a clinical setting. 	<ul style="list-style-type: none"> • Recognize and analyze oral lesions, anomalies, variants or conditions through clinical, radiographic and histological findings. 	

Hagerstown Community College Dental Hygiene Program Curriculum Map

Program Outcomes 2nd Year, Fall	Dental Hygiene Theory III (DHY 201) Fall 2016	Dental Hygiene Clinical III (DHY 202) Fall 2016	Periodontics and Advanced Procedures (DHY 203)	Pain Management in Dental Hygiene Practice (DHY 204)	Nutrition and Biochemistry in Dentistry (DHY 205)
1. Prepare graduates with the knowledge and clinical competency required to provide current comprehensive dental hygiene services.	<ul style="list-style-type: none"> •Preparation for National Board Dental Hygiene Examination (NBDHE) and the American Dental Hygiene Licensing Examination (ADEX). 	<ul style="list-style-type: none"> •Apply comprehensive dental hygiene process of care strategies that incorporate assessment, planning, implementation and self-evaluation for the child, adolescent, adult, geriatric, special needs and medically compromised patients. 		<ul style="list-style-type: none"> •Prepare for the successful completion of the Commission on Dental Competency Assessments (CDCA) for certification in local anesthesia administration and nitrous oxide sedation monitoring. 	<ul style="list-style-type: none"> • Examine the role of food source nutrients in human growth and development.
2. Interact effectively with patients, peers and dental health care members utilizing professional written and oral communication.			<ul style="list-style-type: none"> •Discuss the role of the dental hygienist in the prevention and treatment of periodontal diseases. 		<ul style="list-style-type: none"> •Create a nutritional assessment of a patient's diet and use it for recommending appropriate changes for a healthier mouth and body.
3. Develop an identity of self, supportive of continuous learning and professional					

Hagerstown Community College Dental Hygiene Program Curriculum Map

endeavor.					
4. Exhibit ethical behavior consistent with professional conduct.				<ul style="list-style-type: none"> •Describe and demonstrate the principles of local anesthetic administration and safety. 	
5. Initiate and assume responsibility for health promotion and disease prevention activities.	<ul style="list-style-type: none"> •Design comprehensive dental hygiene therapy incorporating specialized skills and the proactive role in oral disease prevention, patient care and disease management. 	<ul style="list-style-type: none"> •Demonstrate competence in assessing periodontal diseases and implementing non-surgical periodontal therapy treatment and disease prevention strategies. 	<ul style="list-style-type: none"> •Create treatment plans for patients who are at various stages of the periodontal disease process. 		
6. Acquire and synthesize information in a critical, scientific and effective manner.		<ul style="list-style-type: none"> •Apply critical thinking and problem solving skills in a variety of clinical situations. 	<ul style="list-style-type: none"> •Differentiate the stages of periodontal infections and the disease's pathological process. 	<ul style="list-style-type: none"> •Assess patients' medical and pharmacologic histories to determine the suitability and proper selection of local anesthesia with or without vasoconstrictors. 	<ul style="list-style-type: none"> •Examine the role of nutritional biochemistry in the formulation of a diet analysis, energy expenditure and nutritional counseling.
7. Prepare graduates to be competent in the use of technology.	<ul style="list-style-type: none"> •Design comprehensive dental hygiene therapy incorporating specialized skills 	<ul style="list-style-type: none"> •Apply comprehensive dental hygiene process of care strategies that incorporate 	<ul style="list-style-type: none"> •Discuss the role of the dental hygienist in the prevention and treatment of periodontal diseases. •Create treatment 		<ul style="list-style-type: none"> •Create a nutritional assessment of a patient's diet and use it for recommending

Hagerstown Community College Dental Hygiene Program Curriculum Map

	and the proactive role in oral disease prevention, patient care and disease management.	assessment, planning, implementation and self-evaluation for the child, adolescent, adult, geriatric, special needs and medically compromised patients.	plans for patients who are at various stages of the periodontal disease process.		appropriate changes for a healthier mouth and body.
--	---	---	--	--	---

Hagerstown Community College Dental Hygiene Program Curriculum Map

Program Outcomes 2nd Year, Spring	Community Dental Health (DHY 210)	Dental Hygiene Ethics and Jurisprudence (DHY 211)	Dental Hygiene Theory IV (DHY 220) Spring 2017	Dental Hygiene Clinical IV (DHY 221) Spring 2017
<p>1. Prepare graduates with the knowledge and clinical competency required to provide current comprehensive dental hygiene services.</p>			<ul style="list-style-type: none"> • Discuss preparation skills and application processes for the successful completion of the National Board Dental Hygiene Examination (NBDHE) and the American Dental Hygiene Licensing Examination (ADHLEX) for licensure. 	<ul style="list-style-type: none"> • Design comprehensive dental hygiene care strategies that incorporate non-surgical periodontal therapies, proactive disease prevention education, considerate and confidential patient management. • Demonstrate competency in total patient assessment, dental hygiene treatment planning, implementation of patient care services, and self-evaluation of clinical skills.
<p>2. Interact effectively with patients, peers and dental health care members utilizing professional written and oral communication.</p>				
<p>3. Develop an identity of self, supportive of continuous learning</p>		<ul style="list-style-type: none"> • Describe the desired professional traits of a dental hygienist and 	<ul style="list-style-type: none"> • Examine the process of preparing for an entry level dental hygiene job, 	

Hagerstown Community College Dental Hygiene Program Curriculum Map

<p>and professional endeavor.</p>		<p>present methods for incorporating these traits into one’s professional life.</p> <ul style="list-style-type: none"> •Examine licensure requirements and legal functions for dental hygienists practicing in Maryland. 	<p>establishing professional affiliations and implementing practice management strategies.</p>	
<p>4. Exhibit ethical behavior consistent with professional conduct.</p>		<ul style="list-style-type: none"> •Differentiate between unethical and unlawful behaviors that are found in a dental office. 		
<p>5. Initiate and assume responsibility for health promotion and disease prevention activities.</p>	<ul style="list-style-type: none"> •Promote the values of oral and systemic health and wellness to the community. 			
<p>6. Acquire and synthesize information in a critical, scientific and effective manner.</p>	<ul style="list-style-type: none"> • Compare and contrast past and current events that have shaped federal, state and local community health programs and initiatives. •Compare the goals, objectives and indicators for oral health issues included in the Healthy People 2010 and Healthy People 2020 initiatives. 		<ul style="list-style-type: none"> •Assess oral and systemic healthcare treatment modifications for special needs patients. 	<ul style="list-style-type: none"> •Apply critical thinking and problem solving skills in a variety of clinical procedures and clinical practice settings.
<p>7. Prepare graduates to be competent in the use of technology.</p>			<ul style="list-style-type: none"> •Discuss preparation skills and application processes for the successful 	<ul style="list-style-type: none"> •Apply critical thinking and problem solving skills in a variety of clinical

Hagerstown Community College Dental Hygiene Program Curriculum Map

			completion of the National Board Dental Hygiene Examination (NBDHE) and the American Dental Hygiene Licensing Examination (ADHLEX) for licensure.	procedures and clinical practice settings.
--	--	--	---	--