

TECHNICAL COLLEGE SYSTEM OF GEORGIA

ACADEMIC AFFAIRS DIVISION – OFFICE OF TECHNICAL EDUCATION

INFORMATION TICKET

Date: 10/4/2023

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Process	Action Required
<input checked="" type="checkbox"/> Curriculum Revision	<input type="checkbox"/> Notify Appropriate Personnel
<input checked="" type="checkbox"/> Course Revision	<input type="checkbox"/> Submit Vote
<input type="checkbox"/> Probe Notice	Submit Vote by: [Date]
<input type="checkbox"/> Probe Feedback	<input type="checkbox"/> Notify Faculty and Administration
<input type="checkbox"/> Probe Outcome	<input checked="" type="checkbox"/> Information Only
<input type="checkbox"/> Other	

PAS Group Title/PAS Code: Dental Hygiene/0440

Program Standard Title/Major Code(s) and/or Course Standard Title/Course Code(s):	
Associate of Science: Dental Hygienist/AF73	Head and Neck Anatomy/DHYG 1020
Dental Hygiene/DH13	Dental Materials/DHYG 1030
A.S.-Dental Hygiene/DH23	Preclinical Dental Hygiene Lecture/DHYG 1040
	Preclinical Dental Hygiene Lab/DHYG 1050
	Radiology Lecture/DHYG 1070
	Oral Biology/DHYG 1080
	Radiology Lab/DHYG 1090
	Clinical Dental Hygiene I Lecture/DHYG 1110
	Clinical Dental Hygiene Lab/DHYG 1111
	Clinical Dental Hygiene II Lecture/DHYG 2010
	Clinical Dental Hygiene II Lab/DHYG 2020
	General & Oral Pathology/Pathophysiology/DHYG 2050

Program Standard Title/Major Code(s) and/or Course Standard Title/Course Code(s):	
	Community Dental Health/DHYG 2070
	Clinical Dental Hygiene III Lecture/DHYG 2080
	Clinical Dental Hygiene III Lab/DHYG 2090
	Biochemistry & Nutrition Fundamentals/DHYG 2110
	Clinical Dental Hygiene IV Lecture/DHYG 2130
	Clinical Dental Hygiene IV Lab/DHYG 2140
	Periodontology/DHYG 2200

TICKET INFORMATION:

The Dental Hygiene IFCC met on November 04, 2022, to review and discuss proposed revisions made by the Dental Hygiene IFCC Executive Board. The proposed modifications to the DHYG courses were based on the revised Commission on Dental Accreditation (CODA) curriculum standards. Based on the IFCC discussions, the following revisions were voted on and appropriately aligned with the CODA standards & guidelines.

DH13: Dental Hygiene (201312)

- Within the 201312 version the Program Description, Occupational Trends, and Educational Programs were revised.
- Employment trends were revised to align with current data provided by the U.S. Bureau of Labor Statistics (<https://www.bls.gov/ooh/healthcare/dental-hygienists.htm>)
- Occupational Analysis, Program Outcomes, Program Faculty and Program Resources were revised to align with accrediting standards and professional trends.

DHYG 1020: Head and Neck Anatomy

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Pre-Req remained as is.
 - Co-Req remained as is.
 - Contact and Credit hours remained as is.
 - Revisions of competencies and learning outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
The student will integrate associated landmarks into performing patient		The student will integrate an understanding of pathology of the head

extraoral and intaoral intraoral examinations.		and neck as it relates to clinical practice.
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DHYG 1030: Dental Materials

- With the creation of a 202312 version, the following revisions were made,
 - Course description revised.
 - Focuses on the nature, qualities, composition and manipulation of materials used in dentistry. The primary goal of this course is to enhance the student's ability to make clinical judgments regarding the use and care of dental materials based on how these materials react in the oral environment. Topics include: dental materials standards, dental materials properties, impression materials, gypsum products, mouthguards and whitening systems, dental bases, liners and cements, temporary restorations, classifications for restorative dentistry, direct restorative materials, indirect restorative materials, polishing ~~procedures for~~ dental restorations, removable dental prostheses, sealants, and implants.
 - Pre-reqs & Co-req remained as is.
 - Contact and Credit hours remained as is.
 - Regular Lab description revised to state “Lab” and not “Practicum”.
 - Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
The student will describe the manufacture various forms of gypsum. and its various forms.	The student will attend a local dental laboratory to view the process for fabrication of indirect restorative materials.	
The student will demonstrate the fabrication of study stone models in the laboratory.		
The student will describe the usual basic components of each of the above.		
The student will describe the indications for the use of each of the above.		
The student will demonstrate describe the procedure to mix each of the above in the laboratory.		

The student will demonstrate describe the techniques to fabricate a temporary restoration.		
The student will demonstrate the procedure to place a sealant on extracted natural teeth.		

DHYG 1040: Preclinical Dental Hygiene Lecture

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Pre-requisites & Co-requisites remained as is.
 - Contact and Credit hours remained as is.
 - Revised Competencies & Learning Outcomes
 - Competency #2 revised, **Principles of Instrumentation**

DHYG 1050: Preclinical Dental Hygiene Lab

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Revisions of pre-requisites
 - Contact and Credit hours remained as is.
 - Other Lab description revised to state “Practicum” and not “Clinical”
 - Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
Demonstrate periodontal probing and charting.		Demonstrate proper instrumentation.
Demonstrate the principles of instrumentation and their implementation.		

DHYG 1070: Radiology Lecture

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Revisions of pre-requisites

- Contingent to each college's programmatic admission requirements & program layout, programs may select one or more of the provided courses as a pre-req.
 - Program Admission remained as is.
 - DHYG 1020: Head and Neck Anatomy remained as is.
 - Revision of co-requisites
 - Contingent to each college's programmatic admission requirements and program layout, programs may select the following course as a co-req.
 - DHYG 1020: Head and Neck Anatomy remained as is.
 - Contact and Credit hours remained as is.
 - Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
The student will identify proper film image receptors.	The student will describe the hazards of chemical solutions on living tissue.	
The student will explain proper exposure techniques for acquiring radiographic images.	The student will discuss the importance of calibration of radiograph equipment.	
The student will explain proper techniques for processing radiographic images. film processing and handling.	The student will explain proper digital radiograph imagery techniques.	
The student will explain proper techniques for displaying radiographic images. processing solution management and disposal.	The student will discuss duplication procedures.	
The student will interpret radiographic surveys and film types image receptors.	The student will discuss alternate imaging modalities.	
	The student will discuss principles of digital radiographic theory.	
	The student will list and describe the equipment used in digital radiography.	
	The student will list and describe advantages and disadvantages of digital radiography.	
	The student will discuss techniques for various	

	digital radiographic images.	
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DHYG 1080: Oral Biology

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Pre-Req remained as is.
 - Co-Req remained as is.
 - Contact and Credit hours remained as is.
 - Revisions of competencies and learning outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
Assess oral Identify structures in the laboratory-oral cavity.	Demonstrate tooth anatomy in the laboratory.	Identify teeth in the primary and permanent dentition.
Draw or identify teeth. in the laboratory	Utilize nomenclature and numbering systems in the laboratory.	The student will define various terms used to describe the location of structures in relation to the midlines or anatomical position.
	Define various terms used to describe the locations of structure in relation to the midlines or anatomical position.	The student will define the anatomical position.
	Define the anatomical position.	The student will identify anatomic landmarks utilizing proper terminology in describing their location to other landmarks.
	Determine and identify anatomic landmarks utilizing proper terminology in describing their location to other landmarks.	The student will integrate associated landmarks into performing patient extraoral and intraoral examinations.
	Integrate associated landmarks into performing patient extraoral and intraoral examinations.	The student will identify various bones of the skull and face.
	Locate and list the bony, soft tissue and	The student will identify various

	ligaments of the TMJ.	specific anatomic structures of the bones of the skull and face.
	Identify various bones of the skull and face.	The student will describe the temporomandibular joint.
	Identify various sutures, fossa, foramina and process of the bones of the skull and face.	The student will list the bony and soft tissue components of the TMJ.
	Describe the temporomandibular joint.	The student will name the ligaments of the TMJ.
	Articulate movements of the TMJ.	The student will outline the movements of the TMJ.
	Recognize dental anomalies of tooth numbers, size, shape and structural defects.	The student will label the muscles of mastication.
	Identify muscles of mastication.	The student will understand the origin and insertion and nerve supply of the muscles of mastication.
	Describe origin and insertion and nerve supply of the muscles of mastication.	The student will describe the functions of each muscle of mastication.
	Identify muscles of facial expression.	The student will identify the muscles of facial expression.
	Describe origin and insertions of the major muscles of facial expression.	The student will describe the origin and insertion of the major muscles of facial expression.
	Articulate function of the major muscles of facial expression.	The student will discuss the functions of the major muscles of facial expression.
	Explain and identify nerve supply of the muscles of facial expression.	The student will name the nerve supply of the muscles of facial expression.
	Define distribution of blood to the head and neck beginning with the heart.	The student will define central, peripheral and autonomic nervous system.

	Identify components of a neuron.	The student will identify the components of a neuron.
	Describe and list the function of each of the cranial nerves.	The student will describe the function of each of the cranial nerves.
	Articulate nerves associated with structures of the oral cavity and their importance to the practice of dentistry.	The student will recognize the nerves associated with structures of the oral cavity and the administration of local anesthetic.
	Describe distribution of blood to the head and neck beginning with the heart.	The student will describe the distribution of blood to the head and neck beginning with the heart.
	Identify and describe the distribution of blood to major structures of the head and neck.	The student will identify the distribution of blood to major structures of the head and neck.
	Identify and describe the flow of venous blood in the head and neck.	The student will identify and describe the flow of venous blood in the head and neck.
	Relate the importance of the knowledge of blood flow and the practice of dentistry.	The student will relate the importance of the knowledge of blood flow and the administration of local anesthetic.
	Define the importance and function of the lymphatic system.	The student will discuss the importance and function of the lymphatic system.
	Identify and describe the locations of the major lymph node groups of the head and neck.	The student will identify and describe the locations of the major lymph node groups of the head and neck.
	Describe regions drained by the various node groups.	The student will trace the regions drained by the various node groups.
	Analyze the relationship of the lymphatic system to	The student will compare the relationship of the

	the overall function of the immune system.	lymphatic system to the overall function of the immune system.
	Define an endocrine and an exocrine gland.	The student will define an endocrine and an exocrine gland.
	Identify endocrine and exocrine glands of the head and neck and their locations.	The student will identify endocrine and exocrine glands of the head and neck and their locations.
	Describe types of secretions of the glands of the head and neck and their function.	The student will describe the types of secretions of the glands of the head and neck and their function.
	Articulate and identify innervations of the major glands of the head and neck.	The student will recall the innervations of the major glands of the head and neck.
	Identify and locate the nasal and paranasal sinuses.	The student will identify and locate the nasal and paranasal sinuses.
	Describe functions of the sinuses.	The student will describe the functions of the sinuses.
	Describe innervations of the soft tissues of the sinuses.	The student will describe the innervation of the soft tissues of the sinuses.
	Identify fascial triangles of the head and neck.	The student will identify the fascial spaces of the head and neck.
	Point out and describe the spread of dental infections through the fascial spaces.	The student will diagram the spread of dental infections through the fascial spaces.
		The student will integrate an understanding of the pathology of the head and neck as it relates to clinical practice.
		The student will recall the names of the various injection techniques.
		The student will recognize the significant features

		associated with each anesthetic block as well as local infiltration.
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DHYG 1090: Radiology Lab

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Revisions of pre-requisites
 - Contingent to each college's programmatic admission requirements & program layout, programs may select one or more of the provided courses as a pre-req.
 - Program Admission remained as is.
 - DHYG 1020: Head and Neck Anatomy remained as is.
 - Revision of co-requisites
 - Contingent to each college's programmatic admission requirements and program layout, programs may select the following course as a co-req.
 - DHYG 1020: Head and Neck Anatomy remained as is.
 - Course Length remained as is.
 - Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
The student will understand and implement procedures to limit radiation exposure.	The student will understand the importance of calibration of radiograph equipment.	The student will demonstrate proper techniques for viewing radiographic images.
The student will select the proper film image receptor .	The student will demonstrate proper digital radiograph imagery techniques.	
The student will demonstrate proper techniques for acquiring radiographic images film processing and handling .	The student will perform duplication procedures.	

The student will demonstrate proper techniques for processing radiographic images processing solution management and disposal.	The student will discuss alternate imaging modalities.	
The student will select appropriate radiographic surveys and film types sizes of image receptors.	The student will follow the ALARA principle.	
	The student will identify the equipment used in digital radiography.	
	The student will contrast advantages and disadvantages of digital radiography.	
	The student will implement techniques for various digital radiographic images.	

DHYG 1110: Clinical Dental Hygiene I Lecture

- With the creation of a 202312 version, the following revisions were made,
 - Course description revised.
 - Continues the development of knowledge in patient care. Topics include: prevention, instrumentation, patient management, dental appliances, and **treatment planning dental hygiene care planning.**
 - Pre-requisites and Co-requisites remain as is.
 - Contact and Credit hours remained as is.
 - Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
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Discuss the rationale for designing an individualized dental hygiene care plan for the patient treatment plan for the patient.		
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DHYG 1111: Clinical Dental Hygiene I Lab

- With the creation of a 202312 version, the following revisions were made,
 - Course description revised.
 - Continues the development of knowledge in patient care. Topics include: prevention, instrumentation, patient management, dental appliances, ~~treatment planning~~ dental hygiene care planning, and applied techniques.
 - Pre-requisites remained as is.
 - Co-requisites remained as is.
 - Contact and Credit hours remained as is.
 - Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
Follow the rationale for Demonstrate effective communication skills.	Demonstrate effective communication skills.	
Promote Demonstrate stress and conflict management of patients.		
Design treatment individualized dental hygiene care plans for the individual needs of patients.		

DHYG 2010: Clinical Dental Hygiene II Lecture

- With the creation of a 202312 version, the following revisions were made,
 - Course description revised.
 - Continues the development of student knowledge in treating patients and preventing oral disease. Topics include: instrument sharpening; patient assessment; antimicrobial use; ~~pulp vitality testing~~ local anesthesia; treatment of hypersensitivity; whitening; implant care; ~~tobacco~~ smoking

cessation; pit and fissure sealants, scaling, debridement and root planing; ultrasonics and air polishing and dietary analysis.

- Pre-requisites remained as is.
- Co-requisites remained as is.
- Contact and Credit hours remained as is.
- Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
Discuss the rationale for tobacco cessation of tobacco, smokeless tobacco, e-cigarette, marijuana, and other alternative tobacco products.	Discuss pulp vitality testing.	Recall and recognize the components required to deliver local anesthesia using block and infiltration techniques.
	Discuss observations that suggest loss of vitality.	Recognize and assemble the armamentarium components necessary for the delivery of local anesthesia using block and infiltration techniques.
		Recall the requirements in the provision of delivery of local anesthesia using block and infiltration techniques.

DHYG 2020: Clinical Dental Hygiene II Lab

- With the creation of a 202312 version, the following revisions were made,
 - Course description revised.
 - Continues the development of student knowledge in treating patients and preventing oral disease. Topics include: instrument sharpening; patient assessment; antimicrobial use; ~~pulp vitality testing~~ local anesthesia; treatment of hypersensitivity; whitening; implant care; tobacco cessation;

pit and fissure sealants; scaling, debridement, and root planing; ultrasonics and air polishing; ~~and dietary analysis, and applied techniques.~~

- Pre-requisites remained as is.
- Co-requisites remained as is.
- Contact and Credit hours remained as is.
- Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
Identify and attend to individual needs of each patient.	Recognize clinical and radiographic factors that suggest loss of pupal vitality.	Assemble correct armamentarium.
Develop an individualized dental hygiene care plan based on assessment data and findings. a treatment plan for each individual patient after gathering assessments.	Demonstrate pulp vitality testing.	Utilizing anesthesia manikins, perform local anesthesia using block and infiltration techniques.
Determine evidence-based reason rationale for use of antimicrobials for patients.	Identify characteristics and attend to factors that characterize dentinal hypersensitivity in the patient.	Utilizing student partners, perform local anesthesia using block and infiltration techniques.
Apply application of antimicrobial agents.	Demonstrate use of alginate for impression, pouring and trimming of study models for fabrication of custom whitening trays.	Demonstrate safety precautions during local anesthesia administration.
Demonstrate application of oral irrigation technique.	Demonstrate the types of whitening products and the	Identify methods of cessation for tobacco, smokeless

	procedures used for each one.	tobacco, e-cigarette, marijuana, and other alternative tobacco products.
Demonstrate the use of Apply hypersensitivity agents.	Display evidence based information and demonstrate tobacco cessation methods for select patients.	Implement methods of cessation for tobacco, smokeless tobacco, e-cigarette, marijuana, and other alternative tobacco products for select patients.
Demonstrate the modifications of Modify dental hygiene care for patients with implants.	Demonstrate tobacco cessation methods for select patients.	
Generate Develop a treatment dental hygiene care plan for a periodontal patient.	Demonstrate communication skills.	
	Implement continued application of all previously learned clinical skills.	

DHYG 2050: General and Oral Pathology/Pathophysiology

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Pre-requisites remained as is.
 - Co-requisites remained as is.
 - Contact and Credit hours remained as is.
 - Minor grammar and spacing revisions to competencies and learning outcomes

DHYG 2070: Community Dental Health

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Pre-requisites remained as is.
 - Co-requisites remained as is.
 - Contact and Credit hours remained as is.
 - “Practicum” description within Regular Lab was removed and replaced with “Lab” description.
 - Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
Give examples of measures used in dental diseases, prevention, and control the prevention and control of dental diseases.		
Employ illustrate dental health education principles in planning and implementing community health presentations, including media utilization.		
Evaluate, implement, and plan dental educational services for a target population.		
Describe mechanisms (e.g. HMO, dental insurance and unions) considered for the purchases financing of dental care.		
Interpret and evaluate dental literature and statistical data including research.		

DHYG 2080: Clinical Dental Hygiene III Lecture

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Pre-requisites remained as is.
 - Co-requisites remained as is.
 - Contact and Credit hours remained as is.
 - “Practicum” description within Regular Lab was removed due to no contact hours listed.
 - Minor grammar and spacing revisions to competencies & learning outcomes.

DHYG 2090: Clinical Dental Hygiene III Lab

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Pre-requisites remained as is.
 - Co-requisites remained as is.
 - Contact and Credit hours remained as is.
 - “Practicum” description within Regular Lab was removed due to no contact hours listed.
 - “Clinical” description within Other Lab was added to clarify the usage of the contact hours listed.
 - Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
Determine Implement the appropriate DHY Dental Hygiene Process of Care for to include special needs patients.	Assist and treat special needs patients.	Perform required local anesthesia using block and infiltration techniques on patients.

DHYG 2130: Clinical Dental Hygiene IV Lecture

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Pre-requisites remained as is.
 - Co-requisites remained as is.
 - Contact and Credit hours remained as is.

- Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
Describe technological, economic, and political changes and economic and political forces affecting dentistry in today's society.		
Describe licensure, certification, registration, and institutional licensure as it they relates to dentistry.		
Describe dental hygiene expanded duties philosophy in the U.S. and other countries countries.		
Describe the legal relationship between a healthcare provider, patients, and other personnel.		
Describe dental practice benefits offered at various dental practice settings.		

DHYG 2140: Clinical Dental Hygiene IV Lab

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Pre-requisites remained as is.
 - Co-requisites remained as is.
 - Contact and Credit hours remained as is.
 - Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
	Establish efficient time management.	Perform required local anesthesia using block and infiltration techniques on patients.
		Demonstrate time management skills.

DHYG 2200: Periodontology

- With the creation of a 202312 version, the following revisions were made,
 - Course description remained as is.
 - Pre-requisites remained as is.
 - Co-requisites remained as is.
 - Contact and Credit hours remained as is.
 - “Practicum” description within the Regular Lab category was removed due to no contact hours listed.
 - Revised Competencies & Learning Outcomes

Revised Learning Outcome	Deleted Learning Outcome	Added Learning Outcome
Classify periodontal disease and conditions according to the 1999 International Classification System American Academy of Periodontal Classification Guidelines.		

A 2023 version was created for the DHGY courses to reflect the above changes and uploaded within the current program version for immediate use in the AF73: Associate of Science: Dental Hygienist (202012), DH13: Dental Hygiene (201312), and DH23: A.S. Dental Hygiene (201312) programs. The credit and contact hours for the program remained as is.

The AF73: Associate of Science Dental Hygienist program remained at 83 credit hours. The DH13: Dental Hygiene program remained at 82 credit hours and the DH23: A.S. Dental Hygiene program remained at 83 credit hours. Additionally, the DHGY 1020: Head and Neck Anatomy is

the only course embedded within another program. The 2023 version of the DHGY 1020 course has been uploaded for immediate use within HS21: Health Care Science resulting in the credit hours remaining at 36hours.

In conclusion, colleges have a year to complete implementation of changes to their respective Dental Hygiene programs.