

1/30/2023 DATE

 REQUIRED COURSE
 ELECTIVE COURSE

 Allied Health DIVISION
 NEW COURSE
 REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	DHY-097	TITLE: (30 Characters Max)	Head & Neck Anatomy						
SEM CR HRS:	2	Lecture:	2	Lab:	0	ECH:	2		
Course Level:	<input type="checkbox"/> Gen Ed / IAI <input type="checkbox"/> Baccalaureate / Non-IAI		<input checked="" type="checkbox"/> Career/Technical <input type="checkbox"/> Dev Ed/ Not in Degree Audit		Clinical Practicum:	0	SOE/ Internship: 0 SOE ECH: 0		
COURSE PCS #	12 - 51.0601		IAI Code		Contact Hours (Minutes Per Week)				
Repeatable (Y/N):	N	Pass/Fail (Y/N):	N	Variable Credit (Y/N):	N	Min:	Max:		
						16 Wks	100	8 wks	200
Prerequisites:	BIO 225 and DHY 067								
Catalog Description: (40 Word Limit)	Study of structure and function of head and neck. General anatomy of the skull, related muscles, vascular and nerve supply and lymphatics of the region considered. Focus on muscles of mastication and their relationship to the temporomandibular joint; facial and trigeminal nerves and their relationships to dental injections.								

List the Major Course Segments (Units)		Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
1	Introduction to Head & Neck Anatomy	2			
2	Surface Anatomy	2			
3	Skeletal System	5			
4	Muscular System	5			
5	TMJ	2			
6	Vascular System	5			
7	Glandular Tissue	2			
8	Nervous System	5			
9	Lymphatic System	2			
TOTAL		30	0	0	0

EVALUATION			
QUIZZES <input checked="" type="checkbox"/>	EXAMS <input checked="" type="checkbox"/>	ORAL PRES <input type="checkbox"/>	PAPERS <input type="checkbox"/>
LAB WORK <input type="checkbox"/>	PROJECTS <input type="checkbox"/>	COMP FINAL <input checked="" type="checkbox"/>	OTHER <input checked="" type="checkbox"/>

COURSE MATERIALS	
TITLE:	Illustrated Anatomy of the Head & Neck
AUTHOR:	Fehrenbach, M.J. & Herring, S. W.
PUBLISHER:	Elsevier
VOLUME/EDITION/URL:	6th edition
COPYRIGHT DATE:	2021

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Introduction to Head & Neck Anatomy	2	Identify the gross anatomic structures found within the head-and-neck region from a three dimensional aspect.
Surface Anatomy	2	Identify the areas of the oral cavity, the boundaries of the oral vestibule, and the boundaries of the oral cavity proper.
Skeletal System	5	Identify on a skull, diagram, and by narrative description the bones, sutures, foramina, soft tissue and muscles of the head that are associated with dental injections.
Muscular System	5	Name and locate on a diagram or by narrative description, the muscles of facial expression and their origin, insertion, action, innervation and clinical significance.

TMJ	2	Integrate the knowledge of the Temporomandibular Joint's anatomy and function and its associated muscles of mastication to assess Temporomandibular Joint Disorders in clinical practice
Vascular System	5	Locate and identify branches of the arteries and veins of the head and neck on a diagram and by narrative description
Grandular System	2	Identify the location and secretion of each gland of the head and neck region and their associated disorders
Nervous System	5	Locate and identify the branches of the Trigeminal Nerve on a picture, diagram and by narrative description. and the dental hygienist's role and dental considerations for this condition.
Lymphatic System	2	Correlate the lymphatic drainage of tissue areas to the associated lymph nodes and identify an enlarged lymph node in clinical practice.

30

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
Define vocabulary/terminology words as it applies to Head and Neck Anatomy	
Explain the relationship of the oral cavity and head and neck region to the rest of the body	
Utilize knowledge of head and neck examination techniques in clinical practice to differentiate between healthy conditions and possible pathologies	
Apply the knowledge of the vascular system of the head and neck into clinical practice	

* Course Outcomes will be used in the Assessment Software for Outcomes Assessment. Limit to 3 - 5.