

<input checked="" type="checkbox"/>	REQUIRED COURSE
<input type="checkbox"/>	ELECTIVE COURSE

# Lake Land College

COURSE NUMBER:		DHY-066		TITLE: (30 Characters Max)			Dental Histology and Embryology									
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 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:		Admission into the Dental Hygiene Program														
Catalog Description: (40 Word Limit)		This course is designed to increase the student's knowledge of the early embryonic development of the face and oral cavity and the process of tooth development. Included is the study of the microscopic structure of the tissues of the dentition and its supporting structures.														

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
Embryonic Development of the Face and Oral Cavity	8			
Tooth Development	5			
Tissue of the Dentition and Supporting Structures	13			
Oral Mucosa	2			
Salivary Glands and Tonsils	2			
TOTAL	30	0	0	0

EVALUATION									
QUIZZES	<input checked="" type="checkbox"/>	EXAMS	<input checked="" type="checkbox"/>	ORAL PRES	<input type="checkbox"/>	PAPERS	<input checked="" 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:	Essentials of Oral Histology and Embryology: A Clinical Approach
AUTHOR:	Chiego, D.
PUBLISHER:	Elsevier
VOLUME/EDITION/URL:	5th
COPYRIGHT DATE:	2019

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Embryonic Development of the Face and Oral Cavity	8	Describe the period of development in embryology. Describe the process of embryonic development of the face.
Tooth Development	5	Discuss tooth development from tooth germ to eruption.
Tissues of the Dentition and Supporting Structures	13	Describe the development and composition of enamel, dentin, pulp, cementum. Describe the development and composition of periodontal ligament. Demonstrate knowledge of the structures of alveolar bone.

Oral Mucosa	2	Describe the histologic structures of the oral mucosa.
Salivary Glands/Tonsils	2	List and describe the major and minor salivary glands. Describe the histology and function of tonsils.
30		

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	Relate concepts of general histology with the histology of the oral-facial structures.
	Understand the orderly growth and development of the face and oral structures as an integral part of the growth and development of the human embryo as to week of gestation.
	Identify the genesis of oral structures including teeth, gingiva, periodontal ligament, alveolar bone, muscles and nerves of the head and neck.
	Describe the process of normal tooth development and eruption/exfoliation.

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