

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

Lake Land College

COURSE NUMBER:		DHY-091		TITLE: (30 Characters Max)			Pain Management for the Dental Hygienist									
SEM CR HRS:		2	Lecture:		1		Lab:	3			ECH:	4				
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	200	8 wks	400
Prerequisites:		Admission into the Dental Hygiene Program														
Catalog Description: (40 Word Limit)		This course is designed to provide the dental hygiene student with the skills to manage patient discomfort. This includes topical anesthesia, local anesthesia, and nitrous oxide-oxygen sedation during dental hygiene services.														

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
Topical Anesthesia	2	3		
Local Anesthesia	10	32		
Nitrous Oxide-Oxygen Sedation	4	13		
TOTAL	16	48	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:	Handbook of Nitrous Oxide and Oxygen Sedation	
AUTHOR:	Clark, M. and Brunick, A.	
PUBLISHER:	Elsevier	
VOLUME/EDITION/URL:	5th	
COPYRIGHT DATE:	2020	

TITLE:	Local Anesthesia for Dental Professionals	
AUTHOR:	Basset, K., DiMarco, A. and Naughton, D.	
PUBLISHER:	Pearson	
VOLUME/EDITION/URL:	2nd	
COPYRIGHT DATE:	2015	

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
		<i>The student will be able to:</i>
Topical Anesthesia	5	Identify, describe and provide a variety of appropriate pain control methods for dental hygiene practice.

Local Anesthesia	42	Administer local anesthesia within the guidelines of the Illinois Dental Practice Act. Administer 5 different maxillary injections safely and with minimal pain. Administer 4 different mandibular injections safely and with minimal pain. Administer local infiltrations with success.
Nitrous Oxide-Oxygen Sedation	17	Administer nitrous oxide/oxygen within the guidelines of the Illinois Dental Practice Act.
64		

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	Evaluate a patient's medical history, physical status, indications, and contraindications for the use of local anesthesia and nitrous oxide/oxygen sedation.
	Identify and locate the anatomical structures related to the administration of local anesthesia.
	Gain clinical proficiency in the administration of the following types of injections: IAN/Lingual nerve block, buccal nerve block, incisive/mental nerve block, PSA, MSA, ASA, Greater Palatine nerve block, and Nasopalatine nerve block.
	Recognize and manage any adverse reactions and medical emergencies related to the administration of local anesthesia and nitrous oxide/oxygen sedation.
	Gain clinical experience in the procedure of nitrous oxide/oxygen sedation.

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