2/3/2025	DATE	MSD	DIVISION
☐	REQUIRED COURSE	☑	NEW COURSE
☑	ELECTIVE COURSE	☐	REVISION

Lake Land College

Course Information Form

COURSE NUMBER:	BIO-061			**TITLE:** *(30 Characters Max)*			Human Cadaver & Anatomy Review						
SEM CR HRS:	1.0	**Lecture:**		0.0		**Lab:**	2.0	**ICCB Lab:**	2.0	**ECH:**	2.0		
Course Level:	☐ Gen Ed / IAI ☑ Baccalaureate / Non-IAI		☐ Career / Technical ☐ Dev Ed / Not in Degree Audit			**Clinical Practicum:**	0.0	**Work-based Learning:**	0.0	**WBL ECH:**	0.0		
Course PCS & CIP:	11 - 26.0403			**IAI Code:**		N/A				**Contact Hours (Minutes/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 or BIO-226												
Corequisites:	None												
Catalog Description: (40 Word Limit)	This is a refresher course for allied health majors. The lab component covers gross anatomy of organ systems, blood vessels, nerves and musculoskeletal system, utilizing both models and cadavers. Brief physiological overview of various organ systems.												

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Work-based Learning
Introduction and the body		2		
Cephalic region		5		
Thoracic region		5		
Abdominal region		5		
Upper limb region		2		
Lower limb region		2		
Cadaver anatomy		9		
TOTAL	0	30	0	0

EVALUATION							
QUIZZES	☑	EXAMS	☐	ORAL PRES	☐	PAPERS	☐
LAB WORK	☐	PROJECTS	☐	COMP FINAL	☑	OTHER	☑

COURSE MATERIALS		
TITLE:	Internal Lab Manual	
AUTHOR:		
PUBLISHER:		
VOLUME/EDITION/URL:		
COPYRIGHT DATE:		

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
Introduction and the Body:		*The student will be able to:*
Anatomical regions, membranes, planes	2	1. Identify various structures.
Cephalic region:		
Brain anatomy and physiology	2	1. Classify anatomical structures and function of each portion.
Muscles and bones	1	1. Identify various structures.
Upper respiratory	2	1. Identify various structures.
Thoracic region:		
Heart anatomy and circulatory physiology	2	1. Decipher between pulmonary and systemic circuits and the flow of blood.
Lower respiratory anatomy and respiratory physiology	2	1. Decipher between inspiration and expiration. 2. Label anatomical structures.

Muscles and bones	1	1. Identify various structures.
Abdominal region:		
Digestive anatomy and physiology	2	1. Explain how food is digested in each segment of the tract. 2. Identify anatomical structures.
Reproductive anatomy and physiology	2	1. Identify both male and female anatomical structures, sperm and egg development and cycles. 2. Explain sperm and egg development and cycles.
Renal anatomy and physiology	1	1. Explain the formation of urine and where each process occurs.
Upper limb region:		
Muscles, bones, blood vessels, and nerves	2	1. Identify various structures and explain muscle function.
Lower limb region:		
Muscles, bones, blood vessels, and nerves	2	1. Identify various structures and explain muscle function.
Cadaver Anatomy	9	1. Identify various structures.
	30	

Outcomes*	Outcome Title	At the successful completion of this course, students will be able to:
Course Outcome 1	ID Anatomical Struct	Identify human anatomical structures utilizing cadavers and models.
Course Outcome 2	Physiology Organ Sys	Explain the physiology of organ systems throughout the body.
Primary Laker Learning Competency	Scientific Literacy: Students apply the scientific process to real-life situations.	
Secondary Laker Learning Competency	Critical Thinking: Students connect knowledge from various disciplines to formulate logical conclusions.	

**Course and program outcomes will be used in the software for outcomes assessment and should include at least 1 primary and 1 secondary Laker Learning Competency. Limit to 3-5.*