

Oct-23 DATE

REQUIRED COURSE  
 ELECTIVE COURSE

SSE \_\_\_\_\_ DIVISION \_\_\_\_\_  
 NEW COURSE  
 REVISION

## Lake Land College

### Course Information Form

COURSE NUMBER: HED-290		TITLE: (30 Characters Max) Disease Processes			
SEM CR HRS: 3	Lecture: 3	Lab: 0	ECH: 3		
Course Level:	<input type="checkbox"/> Gen Ed / IAI <input checked="" type="checkbox"/> Baccalaureate /Non-IAI	<input type="checkbox"/> Career/Technical <input type="checkbox"/> Dev Ed/ Not in Degree Audit	Clinical Practicum: 0	SOE/ Internship: 0	SOE ECH: 0
COURSE PCS #	11 13.1307	IAI Code	Contact Hours Per Week		
Repeatable (Y/N): N	Pass/Fail (Y/N): N	Variable Credit (Y/N): N	Min:	Max:	16 Wks: 150, 8 wks: 300
Prerequisites:	BIO-100				
Catalog Description: (40 Word Limit)	Students will study abnormal, diseased physiological processes, examine altered cell functions, injury, and death. Students will gain knowledge in body systems and inability of diseased systems to maintain homeostasis. Other topics include inflammation, immunity, neoplasia, adaptations to stress and aging.				

List the Major Course Segments (Units)	Contact Lecture Hours	Contact Lab Hours	Clinical Practicum	Non-Clinical Internship/ SOE
Understanding Disease Part 1	2			
Understanding Disease Part 2	2			
Integumentary System	4			
Cardiovascular System	4			
Pulmonary System	6			
Gastrointestinal Tract including Liver, Gallbladder and Pancreas	6			
Nervous System	3			
Musculoskeletal System	6			
Endocrine System	4			
Genitorurinary and Male Reproductive System	4			
Female Reproductive System	4			
Cancer	6			
<b>TOTAL</b>	<b>51</b>	<b>0</b>	<b>0</b>	<b>0</b>

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 type="checkbox"/>	OTHER <input checked="" type="checkbox"/>

COURSE MATERIALS	
TITLE:	Survey Of Human Disease
AUTHOR:	Van Elswyk, J.C.
PUBLISHER:	Caduceus International Publishing
VOLUME/EDITION/URL:	e-textbook: <a href="https://LLC.cipcourses.com/registration">https://LLC.cipcourses.com/registration</a>
COPYRIGHT DATE:	2018

MAJOR COURSE SEGMENT	HOURS	LEARNING OUTCOMES
<i>The student will be able to:</i>		
Understanding Disease Part 1	2	Compare and contrast processes of inflammation and immunity.
Understanding Disease Part 2	2	Identify major communicable diseases, risk factors, symptoms, complications, and treatment options.
Integumentary System	4	Explain major infectious and inflammatory integumentary diseases, pathology, risk factors, symptoms, complications, and treatment options.
Cardiovascular System	4	Outline the different components of blood. Contrast the pathology of white blood cell, red blood cell, and platelet disorders. List risk factors for blood disorders, symptoms, complications, and treatment options.
Pulmonary System	6	Explain major infectious and inflammatory pulmonary diseases, pathology, risk factors, symptoms, complications, and treatment options.

Gastrointestinal Tract	6	Summarize major infectious and inflammatory gastrointestinal diseases, pathology, risk factors, symptoms, complications, and treatment options.
Nervous System	3	Summarize major neurological and psychiatric diseases, pathology, risk factors, symptoms, complications, and treatment options.
Musculoskeletal System	6	Identify major musculoskeletal diseases, pathology, risk factors, symptoms, complications, and treatment options.
Endocrine System	4	Learn major endocrine diseases, pathology, risk factors, symptoms, complications, and treatment options.
Genitorurinary and Male Reproductive System	4	Learn major male reproductive diseases, pathology, risk factors, symptoms, complications, and treatment options.
Female Reproductive System	4	Identify major male reproductive diseases, pathology, risk factors, symptoms, complications, and treatment options.
Cancer	6	Summarize major forms of cancer, pathology, risk factors, symptoms, complications, and treatment options.
Insert New Line Above this Line		
	51	

COURSE OUTCOMES*	At the successful completion of this course, students will be able to:
	Apply knowledge of the normal anatomy and physiology of the human body to the pathogenesis and properties of human disease.
	Identify compensatory mechanisms the body uses to maintain homeostasis.
	Identify how genetic and environmental factors impact various diseases.
	Distinguish changes in anatomy and physiology that lead to the signs and symptoms of disease and to predict the consequences of change.

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