AHLT 3740 - Pathology of Infectious Diseases

Summer 2026 Syllabus, Section A01, CRN 30585,

Credit hours: 3

Instructor

Silvia Stefan

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Silvia Stefan EdD, RDH

Professional Qualifications:
Associate Degree in Dental Hygiene, Youngstown State University
Bachelor's Degree in Community Health, Youngstown State University
Master's degree in Health and Human services, Youngstown State University
Doctorate Degree in Educational Leadership, Youngstown State University

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Communication Expectations:
Response in 24-48 hours

Course Description

3740. Pathology of Infectious Diseases. Pathology, prevention, transmission, and treatment of infectious disease; emphasis on nosocomial, opportunistic, and emerging bacterial, fungal, parasitic, and viral organisms. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Disease: Identification, Prevention and Control	Hamann, Barbara	9780072844054

Orientation to Course Web Site

Course Introduction.

Overview of history/terminology

Chapter 1 in **Hamann**

Disease transmission/control; intro to OSHA/PPE

Chapter 2 in **Hamann**

Body reactions/defenses/aging Chapter 3 **Hamann**

Pathogens and etiologies Chapter 4 in **Hamann**

Bacterial infections continued Chapter 4 in **Hamann**

Alimentary route acquired Chapter 5 in **Hamann**

Chapter 5 continued

Bacterial Infections Chapter 6 in **Hamann**

Bacteria, vectors, and the soil Chapter 7 in **Hamann** Viruses Chapter 8

Other viral diseases Chapter 9 in **Hamann** Chapter 9 Continued

Coronavirus

Fungi Chapter 10 in **Hamann**

Helminths Chapter 11 in **Hamann**

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
5/11	Chapter 1 Chapter 2 Chapter 3	History Of Infectious Diseases Disease transmission/control; intro to OSHA/PPE Body reactions/defenses/aging	May 17
5/18	Chapter 4	Pathogens and etiologies bacterial infections continued	May 24
5/25	Chapter 5 Chapter 6	Alimentary Canal Bacterias	May 31
6/1	Chapter 7 Chapter 8	Bacteria (Con't), vectors, and the soil Viruses	June 7
6/8	Chapter 9 Chapter 10 Chapter 11	Other Viral Diseases, Coronavirus Fungi's Helminths	June 14
6/15		Review/Catchup	June 21
6/22		Review and FInal	June 26

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.