

AHLT 3711 - Health Care Information Systems

Fall 2026 Syllabus, Section 01, CRN 43014,

Credit hours: 3

Instructor

Dan Cesene

Email: dcesene@ysu.edu

Public Instructor Information

Contact Information

Instructor: Dr. Daniel Cesene Ed.D.

Professional Qualifications: Ed.D., Education and Educational Leadership, Youngstown State University, 2016; Master's, Health and Human Services Administration, Youngstown State University, 2014; Bachelor's, Allied Health, Youngstown State University, 2011; Associate's, Applied Science of Massotherapy, Youngstown State University, 2009

Phone: Cell (330)307-0200

Email: dcesene@ysu.edu

Preferred Contact Method: Course Messaging

Course Description

3711. Health Care Information Systems. The course is comprehensive analysis of the concepts and applications of medical informatics. Relevant technologies and "real world" skills are presented in the field of Medical Informatics using data and medical software. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Informatics and Nursing: Opportunities and Challenges (Seventh Edition).	Miller, K., & Sanborn.	978 1 975220 66 2.

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

Tentative Course Schedule

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
10/19	Chapter 1 Chapter 2	Intro to Nursing Informatics Professional Characteristics	Quiz Assignment Discussion DocuCare Software Summary and Incentive
10/26	Chapter 3 Chapter 4	Essential Computer Concepts Computer Networks	Same as above
11/2	Chapter 5 Chapter 6	Mobile Healthcare Technology Telehealth	Same as above
11/9	Chapter 7 Chapter 8 Chapter 9 Chapter 10	Finding Information Collecting Information Analyzing information Disseminating Data	Same as above

11/16	Chapter 11 Chapter 12	Roles and Responsibilities Interoperability at National and International Level	Same as above
11/23	Chapter 13 Chapter 14	EHR and Standardized Nursing Terminology Information Literacy	Same as above
11/30	Chapter 15 Chapter 16	Protecting Patient Privacy Applying Nursing Informatics	Same as above

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.