

HHS 6930 - Health Informatics

Fall 2026 Syllabus, Section 01, CRN 42760,

Credit hours: 3

Instructor

Kimberly Watson

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Public Instructor Information

Instructor Title: **Kimberly Watson**

Instructor Professional Qualifications:

RN, BSN, MHHS Youngstown State University

Instructor Office Location: Online

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Course Description

6930. Health Informatics. This course presents a detailed review of the structure of provider, payer, and other health care organizations along with the workflow in these types of organizations and their information system needs; how informatics assists these organizations; how information is used in business and clinical operations; and how information technologies interact with business and clinical stakeholders. Prereq.: MHHS student or permission of instructor. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Health Information: Management of A Strategic Resource.	Mervat Abdelhak, Mary Alice Hanken	978-0323263481

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
8/24	Chap 1	Healthcare systems	Quiz, Discussion
8/31	Chapter 2	The Health Informatics and Information Management Profession	Quiz/discussion
9/7	Chapter 3	Health Information Infrastructure and Systems	Quiz/discussion
9/14	Chapter 4	Health Data Concepts and Information Governance	Quiz/discussion
9/21	Chapter 5	Data Access and Retention	Quiz/discussion
9/28	Chapter 6	Electronic Health Record Systems	Quiz/discussion
10/5	Chapter 7	Classification Systems, Clinical Vocabulary, and Terminology	Quiz/discussion
10/12	Chapter 8	Technology, Applications, and Security	Project 1 due Quiz/discussion
10/19	Chapter 9	Health Information Systems: Collaboration, Analysis, Design, Implementation, Operation	Quiz/discussion
10/26	Chapter 10 Chapter 11	Statistics and Data Representation Research and Epidemiology	Quiz/discussion



11/2	Chapter 12	Performance Management and Patient Safety	Quiz/discussion
11/9	Chapter 13 Chapter 14	Data Analytics: Reporting, Interpretation, and Use Public Health Information	Quiz/discussion
11/16	Chapter 15	Privacy and Health Law	Quiz/discussion
11/23	None	Thanksgiving	Quiz/discussion
11/30	Chapter 16	Human Resource Management	Quiz/discussion
12/7	Chapter 17 Chapter 18	Operational Management Revenue Cycle and Financial Management	Project 2 due Quiz/discussion

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.