

NorthWest Arkansas Community College
Division of Health Professions/Health Information Management

Course Number and Title

HIM 2443, Health Data Analytics

Prerequisites

Acceptance into the HIM Program, Math 1003

Course Description

Students will identify common representations of data in health information systems. Prepares students to evaluate data dictionaries and data sets for compliance with governance standards; and to conduct queries using querying tools and methods.

Credit Hours

3 credit hours

The student will need to obtain transfer information from the institution he/she is transferring to in order to determine transferability.

Course Learning Outcomes

Upon completion of this course, students will be able to do the following:

1. Evaluate data dictionaries and data sets for compliance with governance standards.
2. Evaluate data analytic stages: capture, provisioning, analysis.
3. Evaluate the reliability and accuracy of secondary data sources
4. Create and conduct queries using database management techniques
5. Identify system specifications to determine interoperability and optimal efficiencies