

**Northwest Arkansas Community College**  
Division of Health Professions  
Health Information Management

**Discipline Code**

HIM

**Course Number**

2443

**Course Title**

Health Data Analytics

**Catalog 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.

**Prerequisites**

HIM 2523 Healthcare Statistics and HIM 2433 Healthcare Information Systems

**Credit Hours**

3 credit hours

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

**Contact hours**

30 lecture contact hours, 15 lab hours

**Load hours**

3 load hours

**Semesters Offered**

Fall

**ACTS Equivalent**

None

**Grade Mode**

A-F (HIM Program Grading Scale)

## **Learning Outcomes**

Upon successful completion of this course, the student will be able to:

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

## **General Education Outcomes Supported**

- Students develop higher order thinking skills.
- Students can use computers proficiently.
- Students can employ a variety of sources to locate, evaluate, and use Information.

## **HIM Grading Scale**

A=93-100

B=85-92

C=77-84

D=69-76

F=< 69