MOHAWK VALLEY COMMUNITY COLLEGE, UTICA-ROME, NY

COURSE OUTLINE

1. COURSE DESCRIPTION:

**HM202 Health Data and Quality Management** C-2, P-3, Cr-3

This course includes a study of health care information requirements and standards, hospital and vital statistics, data quality and integrity, data analytics, quality management, and performance improvement.(Online Only)

**Prerequisites:** HM121 ICD-10-CM and ICD-10-PCS Coding; HM122 Legal and Ethical Aspects of Health Information Management

1. STUDENT LEARNING OUTCOMES

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

1. Describe components of data dictionaries and data sets.
2. Calculate statistics for healthcare operations.
3. Report health care data through graphical representations.
4. Describe research methodologies used in healthcare.
5. Utilize data-driven performance improvement techniques for decision making.
6. MAJOR TOPICS:
7. Basics of Statistics and Data Analysis
8. Descriptive Statistics and Data Analysis in Health Care Settings
9. Data Analysis Techniques
10. Research and Data Analysis
11. Quality Management and Performance Improvement
12. Research Methods: Analyzing Health Care Data and Measuring Customer Satisfaction
13. Information Integrity and Data Quality
14. Work Design and Process Improvement: Continuous Monitoring and Improvement Functions