MOHAWK VALLEY COMMUNITY COLLEGE, UTICA-ROME, NY
SCHOOL OF HEALTH SCIENCES
HEALTH INFORMATION TECHNOLOGY

COURSE OUTLINE

I. COURSE DESCRIPTION:

HM203 Electronic Health Record Management **C-2, P-3, Cr-3**
This course includes a study of health information technologies, information management strategic planning, analytics and decision support, consumer informatics, health information exchange, information integrity and data quality, and enterprise information management. (Online Only)

Two class hours and three lab hours weekly.

Prerequisites: HM101 Health Information Management Introductory Concepts.

II. MATERIALS:

Text and Learning Materials: Hamilton, Byron R. *Electronic Health Records*, 3rd edition. ISBN: 9780073402147. McGraw Hill Higher Education. Sayles, Nanette. *Health Information Management Technology: An Applied Approach*. 5th edition. ISBN: 9781584265177. AHIMA Press.

III. EVALUATION METHODS:

Students will be evaluated in the following manner:

Written Assignment/Project	25%
Exams	25%
Final Comprehensive Exam	25%
Attendance /Assignments	25%

IV. STUDENT LEARNING OUTCOMES:

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

1. Identify standards for exchange of health information
2. Utilize software in the completion of health information management processes.
3. Explain policies and procedures of networks, including the intranet and internet, to facilitate clinical and administrative policies.
4. Explain the process used in the selection and implementation of health information systems.
5. Utilize health information to support enterprise-wide decisions for strategic planning.
6. Explain analytics and decision support.
7. Apply report generation technologies to facilitate decision making.
8. Explain usability and accessibility of health information by patients, including current trends and future challenges
9. Apply policies and procedures to ensure the accuracy and integrity of health data both internal and external to the health system.
10. Apply knowledge of database architecture and design.

V. MAJOR TOPICS:

1. Health Information Technologies
2. Healthcare Information
    a. Data analytics and decision support
    b. Strategic uses and planning
    c. Consumer informatics
    d. Health information exchange (HIE)
    e. Information integrity and data quality
    f. Enterprise information management
2. Introduction to the Electronic Health Record (EHR)
3. Standards and Features of the Electronic Health Record
4. SpringCharts EHR
    a. Clinic Administration
    b. Patient Charts
    c. Office Visits
    d. Clinical Tools
    e. Creating Templates
    f. Tests, Procedures, and Codes
    g. Productivity Center and Utilities