**PROGRAM-LEVEL - STUDENT LEARNING OUTCOMES**

**Healthcare Informatics Program**

**Division of Arts, Sciences and Professional Studies**

Program Director: Dan Neville, MS Date Updated: 07/28/2020

| **PLAN** |
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| **EXPECTED PROGRAM LEARNING OUTCOME** |
| **All students completing this program are expected to have achieved the following learning objectives:** |
| **OBJECTIVE 1:**  At the end of the program, the student will *define health care data and its uses.* |
| **OBJECTIVE 2:**  At the end of the program, the student will *identify and describe some of the main trends, current technologies, and management issues in quality health care management using key data informatics standards.* |
| **OBJECTIVE 3:**  At the end of the program, the student will *categorize and interpret health care data using appropriate graphical techniques.* |
| **OBJECTIVE 4:**  At the end of the program, the student will *demonstrate proficiency in Microsoft Office programs including Excel, Access, PowerPoint, and Word.* |
| **OBJECTIVE 5:**  At the end of the program, the student will *develop a philosophy, a strategy, and a set of methods for ongoing quality and efficiency improvement to yield better health care outcomes using a combination of simulated and real-world data within the informatics field.* |
| **OBJECTIVE 6:**  At the end of the program, the student will *apply policies, standards and regulatory requirements to the collection, storage, classification, access and transmission of health data.* |
| **OBJECTIVE 7:**  At the end of the program, the student will *interpret the legal and regulatory requirements of healthcare delivery systems, patient privacy, confidentiality and security of health data.* |
| **Health Informatics Bachelors’ and Certificate Programs Only** |
| **OBJECTIVE 8:**  At the end of the program, the student will *distinguish between data models and how they are used to capture the nature and relationships among data.* |
| **OBJECTIVE 9:**  At the end of the program, the student will *determine required and available health care data and identify an appropriate database design.* |
| **OBJECTIVE 10:**  At the end of the program, the student will *manipulate healthcare data using appropriate data modeling techniques.* |
| **OBJECTIVE 11:**  At the end of the program, the student will *integrate leadership skills in the management of health data, the electronic health record (EHR), health informatics projects and organizational resources.* |