**Healthcare Analytics**

**WRITTEN FINAL ASSIGNMENT**

**Master of Science in Health Informatics**

**A. INSTRUCTION**

One of the requirements of this course is to complete one final assignment of a given topic in **Healthcare Analytics**. Attached in this packet are the guidelines, instructions, and due dates for the assignments. Please keep the following expectations in mind:

1. Each assignment is worth 100 points.
2. Read instructions carefully and be sure to complete all aspects of the assignments.
3. Be thorough and complete in your work. Simple “yes/no” answers or “I agree” comments are not sufficient.
4. The assignments are developed to correspond to topics that we will be studying throughout the term. You will get the most out of the assignments if they are done well. Therefore, you will need to turn in your work by the deadlines designated in your syllabus and on the assignment sheet. No late assignments will be accepted.
5. All written assignments must be typed and double-spaced.

**B. DIRECTIONS.** After reading your two textbooks, answer all the following questions and case study as comprehensive as possible.

|  |  |  |
| --- | --- | --- |
| **No.** | **QUESTIONS** | **MARK** |
| **1** | Make a detailed review of *“Systems Analytics: modeling and optimizing clinic workflow and patient care.”* | 30 marks |
| **2** | Discuss and analyze the resource intensive activity volumes in the United States. | 30 marks |
| **3** | Review the discrete-event simulation for primary care redesign: review and a case study hospitals. | 40 marks |
|  | **TOTAL** | **100 marks** |