HITM2290 - Health Care Data Management and Analysis

Credits:	3 (1/2/0)
Description:	This course provides an in-depth look into the management of healthcare data and how this data is used for analysis, statistics and graphical representation.
Prerequisites:	• HITM1165 • MATH0070
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Identify the processes and strategies for managing data to achieve data integrity, validity, reliability and quality. 2. Monitor data to identify risks, adverse events and safety issues. 3. Apply knowledge of database structures to search for, compile and modify healthcare data sets. 4. Apply basic statistics utilizing mean, frequency, percentile and standard deviation. 5. Apply data analysis techniques to identify trends. 6. Accurately interpret, calculate and summarize healthcare data using the appropriate statistical software. 7. Calculate descriptive healthcare statistics and solve fundamental statistical problems. 8. Ensure thorough and logical explanations of data founded on evidence-based information. 9. Utilize appropriate visual data presentation based on audience to support accurate conclusions.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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