

# MIF 356 : Medical Informatics

This course provides the future healthcare leaders an understanding of the value and capability of information and technology to lead the transformation of healthcare, contain costs, reduce medical errors, and optimize the delivery of services across all healthcare professions. Understand the nature of medical data and the electronic medical records (EMR), knowledge of standards, coding and classifications in medical informatics, an overview of the informatics tools and systems in healthcare and their associated medical departments and clinical support systems, familiar with the foundations of quality, patient safety, and risk management sciences. Demonstrate best practices through quality improvement tools and techniques and educate students to be agents to facilitate patient safety culture.

**Credits** 2

**Prerequisites**

None