The Healthcare Data Analytics certificate is an advanced certificate option designed to introduce students to the rapidly emerging field of healthcare data analytics. Courses in this certificate will focus on tools, practices and issues surrounding the use of data analytics in support of key decisions in healthcare organizations. Topics include: clinical, operational and financial analytics in various healthcare settings; and trends and regulations that shape the role and practices of healthcare analytics. This certificate will be well-suited for Healthcare and/or HIT professionals who will be involved in analyzing, interpreting and/or reporting clinical, financial, operational and/or regulatory data.

PREREQUISITES

- Associate degree in an IT-related or healthcare-related field, with a minimum of 20 credits of Health IT specific coursework and passing score on CAHIMS certification exam or completion of CAHIMS coursework, OR either 2 years of health IT or 1 year of healthcare plus one year of HIT work experience.
- Database course or experience (BTS 168 – Business Data Management Tools or equivalent)
- Spreadsheet course or experience (BTS 165 – Business Spreadsheet Analysis and Design or equivalent)
- Statistics course or experience (BA 240 - Statistical Analysis OR MATH 130 - Intro to Statistics or equivalents)

LEARNING OUTCOMES

Certificate recipients should possess the following skills & abilities:

- Develop reports and presentations summarizing analytics results for stakeholders with varied backgrounds and expertise
- Develop a research strategy to solve a particular problem for a particular stakeholder
- Debate how current and emerging regulations and ethical perspectives impact healthcare data analytics practices
- Develop appropriate metrics and processes to obtain data supporting key healthcare decisions
- Analyze the various elements of data analytics implementation and management plans in specific healthcare settings and for specific outcomes

FOR MOST UP-TO-DATE INFORMATION, GO TO:
www.bellevuecollege.edu/programs/degrees/proftech/hctm/#dataanalytics

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