

# BUSINESS DATA ANALYTICS CERTIFICATE

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Division: Business and Computer Information Systems

PROGRAM CODE: 2C40553

The **Business Data Analytics Certificate** is designed to provide students with an understanding of how analytics can help improve their decision-making in business. Students can discover a new way to look at data and identify insights, improve their ability to make predictions for the long term, and prescribe actions that make better business decisions. This certificate prepares a student for entry-level positions in management in the public and private sector area such as public accounting, manufacturing, small business, financial service, wholesale trades, government and more. Specialized training in data analytics enables students to meet the growing demands for analysis and interpretation of data. A minimum grade of C is required in each course taken. This certificate requires 16 units.

Code	Title	Units
<b>Required Courses (16 units)</b>		
BUS 255 F	Introduction to Business and Data Analytics	3
or CIS 201 F	Introduction to Python Programming	
ACCT 101AF	Financial Accounting	5
or ACCT 102HF	Honors Financial Accounting	
ACCT 101BF	Managerial Accounting	5
ACCT 230 F	Excel for Accountants	3
or CIS 205 F	Advanced Spreadsheet - MS Excel (formerly Spreadsheet Advanced MS Excel)	
<b>Total Units</b>		<b>16</b>

**Outcome 1:** Know the processes and algorithms over raw data for consumption.

**Outcome 2:** Assemble information from sources and interpret patterns and trends.

**Outcome 3:** Generate reports based on the interpretation of the analysis.

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