Data Analytics
Certificate of Proficiency

Business, Technology, and Professional Studies Division
609.570.3482 admiss@mccc.edu

The **Data Analytics** certificate program prepares students for entry-level positions such as business/data analyst and enables Computer Science, Computer Information Systems, and Business Administration students to explore data analytics as a field of study while at MCCC and/or transfer to Data Science or Business Analytics programs as desired.

PROGRAM OUTCOMES

- Develop relevant programming abilities;
- Demonstrate proficiency with statistical analysis of data.

SEE ALSO:

Computer Science degree program
Computer Science certificate program
Database Administration certificate program
Database Concepts and Skills Associate certificate program

CERTIFICATE CURRICULUM

2023-2024 Academic Year

CMPTR.DA.CERT
CIP 307101

Credit-bearing certificate programs can serve as gateways to earning an associate degree. Students are encouraged to consult the program coordinator, an academic advisor or Success Coach to explore such opportunities.

Code	Course (lecture/lab hours)	Credits
CIS 175	PC Applications: Spreadsheets (2/2)	3
COS 101	Introduction to Computer Science (3/2)	4
	• May be substituted with 4-credit IST course. Consult academic advisor.	
ENG 101	English Composition I (3/0)	3
MAT 151	Calculus I (4/0)	4
BUS 205	Business Statistics I (3/0)	
	OR	3-4
MAT 201	Probability and Statistics for Science and Engineering (4/0)	
COS 102	Computer Science I – Algorithms and Programming (3/2)	4
IST 275	Data Analytics and Visualization (2/2)	3
— —	Program elective	3-4
	• In consultation with an academic advisor, select either CIS 173 or an IST course.	
BUS 206	Business Statistics II (3/0)	
	OR	3-4
COS 210	Computer Science II -- Data Structures (3/2)	
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