# Data Analytics Certificate

Individuals with or without a college degree whose goal is to acquire or improve their data analytic skills will accomplish their goals in this program. Emphasis is on acquiring results-oriented career business and industry skills. The program is intended for those seeking entry-level positions as well as those currently employed who desire to enhance their job skills. It provides employers and current prospective employees with tangible evidence of data analytic competencies.

Students must earn a grade of "C" or higher in all coursework.

(Major Code 5460; CIP Code 11.0802)

Data Analytics Program web page (http://www.jccc.edu/academics/credit/data-analytics/)

## First Semester

| | | |
|---|---|---|
| DS 210 | Introduction to Data Science | 3 |
| DS 220 | Data Visualization | 3 |
| DS 230 | SQL for Data Analysis | 3 |
| DS 240 | Introduction to Statistical Programming | 3 |
| **Total Hours** | | **12** |

## Second Semester

| | | |
|---|---|---|
| DS 260 | Data Mining* | 3 |
| DS 270 | Introduction to Machine Learning* | 3 |
| DS 280 | Big Data Architecture | 3 |
| MATH 181 | Statistics* | 3 |
| **Total Hours** | | **12** |

**Total Program Hours: 24**

\*    This course has registration requirements.