Technical Certificate in Data Management & Analytics - 6360

**CAREER PATHWAY:** [SCIENCE, TECHNOLOGY, ENGINEERING, AND MATH (STEM)]

**Career Pathway:** Science, Technology, Engineering, and Math (STEM)

**Location(s):** [Courses for this program are offered at all BC locations.](#)

**Program Entrance Requirements:** HS Diploma or GED

**Program Description:** The Data Management and Analytics Technical Certificate offered at A. Hugh Adams Central Campus prepares students for a career in database management and includes fundamentals of data analysis, data manipulation with MySQL and Oracle SQL, and visualization in a business environment. Upon successful completion of this technical certificate, students should be able to secure employment as database managers and in entry level data visualization. Visit the program’s website for more information.

**BUILD YOUR EDUCATION**

**RECOMMENDED COURSE SEQUENCE**

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>COP1700C</td>
<td>Introduction to Database Design &amp; MySQL</td>
<td>3</td>
</tr>
<tr>
<td>COP2071C</td>
<td>SQL Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td>CGS1510C</td>
<td>Excel Data Analysis</td>
<td>3</td>
</tr>
<tr>
<td>STA2023 OR MGF1106</td>
<td>Statistics OR Foundations of Mathematical Reasoning</td>
<td>3</td>
</tr>
<tr>
<td>CAP2760C</td>
<td>Intro to Data Analytics</td>
<td>3</td>
</tr>
<tr>
<td>ISM2410C</td>
<td>Analyzing and Visualizing Data with Power BI</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Program Credit Hours** 20

**Notes:** This is only a recommended course sequence. Students are strongly encouraged to meet with an advisor each term before selecting classes to create a personalized educational plan.

**CHOOSE YOUR COURSES**
PROGRAM HIGHLIGHTS

CREDIT FOR PRIOR LEARNING
Accelerate your path to completion with these options:

- Credit by exam
- Earned industry certifications
- Prior Learning Assessment
- And much more…

RELATED INDUSTRY CERTIFICATIONS
Upon completing this program, graduates will be eligible to sit for the following industry certifications/licenses:

- CIW Database Design
- CIW Data Analyst
- Microsoft MCSA BI Reporting

GET AN INTERNSHIP
Completion of the degree requires PSC4911 (Senior Research) or PSC4948 (Senior Internship) for Physical Science concentration. After completing your first year of coursework make sure to visit the Career Center for internship opportunities that help you take your career to the next level!

GET STARTED TODAY!
START APPLICATION

FUND YOUR EDUCATION
This Program is Financial Aid eligible. Scholarships may be available. This program is part of the Career Source Broward ITA List

MEDIAN WAGE AND JOB GROWTH OUTLOOK
Broward College has Career Coach & the Career Ladders. These tools are designed to help you find a good career by providing the most current local data on wages, employment, job postings, and associated education and training. Learn how to climb your career ladder!