Advanced Technical Certificate in Data Analytics - 4290

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 Immersive Technologies Advanced Technical Certificate offered at A. Hugh Adams Central Campus prepares students to analyze, plan and develop effective solutions in the field of immersive technology, including virtual reality, augmented reality and XR. The program includes applying advanced concepts in 3D authoring and design, as well as computer programming for the gaming and instructional markets. Upon successful completion of this technical certificate, students should be able to secure employment as XR developers.

Visit the program’s [website](#) for more information.

### BUILD YOUR EDUCATION

![Diagram showing the educational pathway from Associate of Science to Data Analytics ATC - 4290 to Bachelor of Applied Science T200]

### RECOMMENDED COURSE SEQUENCE

<table>
<thead>
<tr>
<th>Course ID</th>
<th>Description</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>CGS1510C</td>
<td>Excel Data Analysis (Pre-requisite)</td>
<td>3</td>
</tr>
<tr>
<td>ISM2410C</td>
<td>Analyzing and Visualizing Data with Power BI (Pre-requisite)</td>
<td>4</td>
</tr>
<tr>
<td>ISM3212C</td>
<td>Database Management</td>
<td>3</td>
</tr>
<tr>
<td>ISM3139C</td>
<td>Adv Data Visualization w/Excel</td>
<td>4</td>
</tr>
<tr>
<td>ISM3545C</td>
<td>Data Analytics Technologies</td>
<td>3</td>
</tr>
<tr>
<td>ISM4547C</td>
<td>Data Analytics Management</td>
<td>3</td>
</tr>
<tr>
<td>ISM4415C</td>
<td>Applied Data Reporting</td>
<td>4</td>
</tr>
<tr>
<td>ISM4138C</td>
<td>Data Integration &amp; Manipulation</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Program Credit Hours** 27

**Notes:** This is only a **recommended course sequence**. Students are strongly encouraged to meet with an [advisor](#) 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
• Prior Learning Assessment
• Earned industry certifications
• And much more…

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

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

GET STARTED TODAY!
START APPLICATION

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COLLEGE CATALOG 2021-2022
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