

DATA ANALYTICS, CERTIFICATE OF ACHIEVEMENT

Course	Title	Units
CIS C270	Data Analytics 3 - Applied Predictive Analytics	3
Total Units		20

3_CN_DATA

The Certificate of Achievement in Data Analytics will provide students with a solid foundation in the fields of data science, business intelligence, and analytics. The program is designed to prepare students for entry-level jobs, or to help them advance into careers, such as Business Analytics Specialist, Data Analyst, Data Visualization Developer, Operations Research Analyst, and Market Research Analyst. Topics covered will include statistics, research methods, SQL queries and data views, systems analysis and design, and applied predictive analytics.

Program Level Student Learning Outcomes

Upon completion of this program, students will be able to:

1. Apply the methods, techniques, and tools relevant to data analytics.
2. Solve organizational problems by applying the methods, techniques, and tools relevant to systems analysis and design.
3. Demonstrate predictive analytics techniques to common business scenarios.

Certificate Graduation Requirements

A Certificate is awarded upon completion of the required coursework with a grade of C or higher in each course. To receive the certificate, the student must file a petition for graduation during his/her final semester. In addition:

Certificate of Achievement

- Student must be in attendance at the time requirements are completed.
- Students must also earn a minimum of 12 units of coursework at Coastline, excluding experiential credit.
- A student with prior experience may be excused from certain certificate courses.
- 50 percent of the certificate program's units must be completed at Coastline no matter how the total number of units required for the certificate can be met.

Course	Title	Units
Required Courses		
MATH C160	Introduction to Statistics	4
PSYC C280	Introduction to Research Methods in Psychology	4
CIS C240 or CST C157	SQL Database Development	3
CIS C250	Data Analytics 1 - Introduction to Data Analytics	3
CIS C260	Data Analytics 2 - Systems Analysis and Design	3