



The Leader in Innovative Education

Catalog



Spring Addendum,
May 2020

2019/2020

COASTLINE COLLEGE

2019-2020 Catalog Addendum May 2019

Fountain Valley College Center
11460 Warner Avenue
Fountain Valley, CA 92708
(714) 546-7600

Garden Grove Center
12901 Euclid Street
Garden Grove, CA 92840
714-241-6209

Le-Jao Center
14120 All American Way
Westminster, CA 92683
714-241-6184

Newport Beach Center
1515 Monrovia Avenue
Newport Beach, CA 92663
714-241-6213

Catalog Comment

Every effort has been made to assure the accuracy of the information in this catalog. Students are advised, however, that such information is subject to change without notice and the Board of Trustees of the Coast College District, the Chancellor of the Coast College District, and the President of Coastline College reserve the right to add, amend, or repeal rules, resolutions, or policies within the administration area of such officers. In addition, some courses are not offered every semester or every year.

If you need information in an alternate format, please contact Special Programs and Services at (714) 241-6214.

College Accreditation

Coastline Community College is accredited by the Accrediting Commission for Community and Junior Colleges (ACCJC) of the Western Association of Schools and Colleges (10 Commercial Blvd., Suite 204, Novato, CA 94949, (415) 506-0234), an institutional accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education. Standards and Policies of ACCJC can be found at <http://www.accjc.org>.

The college's Accreditation documents can be found online at <http://www.coastline.edu/about/accreditation/>

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Addendum

Data Analytics Associate of Science Degree 3_AS_DATA

The Associate of Science 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

- 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.

Required Core	Units
MATH C160 Introduction to Statistics	4.0
PSYC C100 Introduction to Psychology	3.0
PSYC C280 Introduction to Research Methods in Psychology	4.0
CIS C240 SQL Database Development	3.0
OR	
CST C157 SQL Database Development	3.0
CIS C250 Data Analytics 1 - Introduction to Data Analytics	3.0
CIS C260 Data Analytics 2 - Systems Analysis and Design	3.0
CIS C270 Data Analytics 3 - Applied Predictive Analytics	3.0
CIS C280 Data Analytics 4 – Data Visualization	3.0
Subtotal	26.0

Complete one of the three General Education options plus electives to meet the 60-unit requirement.

Total for Degree	60.0
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Data Analytics

Certificate of Achievement

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

- 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.

Required Core	Units
MATH C160 Introduction to Statistics	4.0
PSYC C280 Introduction to Research Methods in Psychology	4.0
CIS C240 SQL Database Development	3.0
OR	
CST C157 SQL Database Development	3.0
CIS C250 Data Analytics 1 - Introduction to Data Analytics	3.0
CIS C260 Data Analytics 2 - Systems Analysis and Design	3.0
CIS C270 Data Analytics 3 - Applied Predictive Analytics	3.0
Subtotal	20.0

Data Analytics

Certificate of Specialization

3_CE_DATA

The Certificate of Specialization in Data Analytics will provide students with a foundation in the fields of data analytics and business intelligence. The program is designed to prepare students for entry-level jobs, such as Business Analytics Specialist, Data Analyst, Data Visualization Developer, Operations Research Assistant, and Market Research Assistant. Topics covered will include an introduction to data analytics, statistics, SQL queries and data views, and data visualizations.

PROGRAM LEVEL STUDENT LEARNING OUTCOMES

- 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.

Required Core	Units
CIS C240 SQL Database Development	3.0
OR	
CST C157 SQL Database Development	3.0
CIS C250 Data Analytics 1 - Introduction to Data Analytics	3.0
CIS C280 Data Analytics 4 – Data Visualization	3.0
Subtotal	9.0