

DATA ANALYST ASSOCIATE

csit.missioncollege.edu

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Dean: Clement Lam

Data Analyst Associate: Certificate of Achievement (CA)

The Certificate of Achievement in Data Analytics Associate is designed to provide students with knowledge and skills required for a variety of entry level positions in the field of Data Analytics. The program includes foundation courses in Data Analytics and a wide range of skill-builder courses.

Program Learning Outcomes:

- Analyze a problem and identify and define the computing and data requirements appropriate to its solution.
- Apply data analytics techniques and tools to implement and test a specified design.
- Communicate and report data findings and solutions using data presentation and visualization tools.

Career/Transfer Opportunities:

Career opportunities include the following: Computer System Analyst, Data Analyst, Data Warehousing Specialists, Computer and Information Research Scientists, Operations Research Analysts.

Core Requirements (11 units):

Complete all of the following		Units
CIS 007	Introduction to Python Programming	4.0
CIS 051	Introduction to Data Analysis	4.0
CIS 055	Introduction to Database and SQL	3.0

Elective (7 Units): Complete a minimum of seven units from the following, or any CIS course work

		Units
CIS 001	Introduction to Computer Science and Tech	4.0
CIS 056	Database Management Systems II	3.0
BUS 021L	Intro to Business Computing Lab	1.0
BUS 078B	Business Communication	3.0
CAP 062B	An Introduction to Microsoft Excel.	1.0
CAP 063B	Intermediate Microsoft Excel	2.0
WRK 300GW	General Work Experience	1.0-4.0

Total Required Units:

18.0-19.0

