DATA ANALYTICS, CERTIFICATE OF COMPLETION

COMPUTER AND INFORMATION TECHNOLOGY

Certificate of Completion: CCL 5884
18-24 Credits
Program Contact
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Program Description

The Certificate of Completion (CCL) in Data Analytics is designed to prepare students to model, synthesize, analyze, and present large data sets for business decision making. Courses will focus on the techniques and computer software used in industry to extract data from various data sources, model and integrate that data, and then visualize this data for business decision making and intelligence gathering. This program prepares students for industry certification and is embedded (can be used to fulfill requirements) in the Associate of Applied Science (AAS) in Data Analytics available at MCCCD.

Program Notes

Students must earn a grade of C or better in all courses within the program. Overall program minimum GPA = 2.00.

CIS214DE is not equivalent to CIS214DA for the purposes of this certificate and should not be used to complete program requirements. Students who have completed GBS221 can use this course in lieu of GBS220.

Computer Information System (CIS) courses required by this program are not applicable if taken more than eight (8) years prior to the completion of the program of study. Consult with an Academic Advisor for complete information.

Program Requirements

Program Prerequisites: None

Code	Title	Credits	Semester
Required Courses			_____
CIS114DE	Excel Spreadsheet	3	_____
CIS117DM	Microsoft Access: Database Management	3	_____
CIS214DA	Advanced Excel for Data Analytics	3	_____
CIS217AM	Advanced Microsoft Access: Database Management	3	_____
or CIS276DA	MySQL Database		_____
or CIS276DB	SQL Server Database		_____
GBS151	Introduction to Business	3	_____
GBS220	Quantitative Methods in Business	3	_____
or GBS221	Business Statistics		_____
Select one of the following:		0-6	_____
MAT150	College Algebra/ Functions		_____
MAT151	College Algebra/ Functions		_____
MAT152	College Algebra/ Functions		_____
MAT155	College Algebra/ Functions with Review		_____
MAT156	College Algebra/ Functions with Review		_____
Satisfactory District math placement			_____
Total Credits		**18-24**	_____