

Computer Information Systems: Emphasis Data Analytics

A.S. Degree Major/Cert. Achievement 18 units/more

Computer Information Systems (CIS) is a series of courses that bind both technology and business to produce quality information for an organization. CIS emphasizes the technology side of an organization's information system. Typical employment opportunities include computer support specialist, user support specialist, systems analyst, data analyst, database administrators, software testers and application development.

Key areas of focus in this degree are: Computer Information Systems; Computer Programming; Systems Analysis and Design; System Development; Database Management; Social Media; and Data Modeling and Computational Intelligence.

Students planning to focus on technology and computing in Information Systems are recommended to earn an A.S. in Computer Information Systems. This degree is ideal for students eager to break into the field of computing by earning a career technical certificate or degree while completing transferable coursework.

Program Requirements

CSIT125	Computer Information Systems	3 DE
CSIT146	Systems Analysis and Design	3 DE
CSIT150	Introduction to SQL	3 DE
CSIT225	Computational Intelligence and Data Analytics	3 DE
CSIT226	Dashboards and Data Visualization	3 DE
CSIT230	Data Modeling & Programming for MS Office	3 DE
MATH120	Elementary Statistics	4 DE

Group One (Choose 1)

CSIT145	Introduction to Programming Concepts and Methodologies	3 DE
CSIT180	C# Programming I	3 DE
CSWB180	Python Programming	3 DE
CSCI112	Programming Fundamentals I	4 DE

Group Two (Choose 1)

CSWB110	Web Site Development with HTML5/CSS3	3 DE
JOUR200	Mastering Social Media	3 DE
BUS152	Social Media for Business	3 DE
CSIT165	R Programming	3 DE

Total units:	28.00 - 29.00
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