ASSOCIATE DEGREE – AREA OF EMPHASIS
INFORMATION TECHNOLOGY SUPPORT SPECIALIST

The Information Technology Support Specialist degree will provide a student with sufficient skills to obtain a position in industry as an Information Technology Support Specialist. The skills to be gained with this degree include familiarity with the most popular desktop computer operating systems as well as hands-on experience with the associated hardware, networking, and web development software. An official request from the student must be filed with the Admissions and Records Office prior to the deadline stated in the yearly calendar listed in the class schedule and catalog.

The Program-level Student Learning Outcomes (PSLOs) below are outcomes that students will achieve after completing specific degree/certificate requirements in this program. Students will:
        Transfer, enter the workforce, and promote life-long learning.

Associate Degree Major Requirements

Note: All courses must be completed with a letter grade of "C" or higher.

Subject & Number	Title	Units
Computer Science Info. Systems 110	Principles of Information Systems	4
Computer Science Info. Systems 112	Windows Operating System	3
Computer Science Info. Systems 113	Introduction to Linux	3
Computer Science Info. Systems 120	Computer Maintenance and A+ Certification	3
Computer Science Info. Systems 125	Network + Certification	3
Computer Science Info. Systems 132	Introduction to Web Development	3
	Total	19
	Plus General Education and Elective Requirements	

Certificate of Achievement

Any student who chooses to complete only the courses required for the above major qualifies for a Certificate of Achievement in Information Technology Support Specialist. An official request from the student must be filed with the Admissions and Records Office prior to the deadline stated in the yearly calendar which is listed in the class schedule and catalog.
Note: All courses must be completed with a letter grade of "C" or higher.

CERTIFICATE OF ACHIEVEMENT
DATA SCIENCE
A certificate of achievement leading to an entry level position which specializes in the fundamentals of Data Science. Students completing this sequence will have enough basic Data Science skills to enable them to assist managers in small, medium, and large-sized organizations.

Note: All courses must be completed with a letter grade of "C" or higher.

Subject & Number	Title	Units
Mathematics 160	Elementary Statistics	4
or		
Biology 215	Statistics for Life Sciences	(3)
or		
Anthropology 215	Statistics for the Behavioral Sciences	(4)
or		
Psychology 215	Statistics for the Behavioral Sciences	(4)
or		
Sociology 215	Statistics for the Behavioral Sciences	(4)
or		
Economics 215	Statistics for Business and Economics	(3)

Geography 104	Introduction to Geographic Information Science	3
Computer Science Info. Systems 276	Introduction to SQL	3
or		
Computer Science Info. Systems 180	Fundamentals of Database Design	(3)
Computer Science Info. Systems 250	Introduction to Python Programming	4
Physical Science 120	Fundamentals of Scientific Computing	4
or		
Computer Science Info. Systems 110	Principles of Information Systems	(4)
	Total	17-18

Certificate of Achievement

Any student who wishes to complete only the requirements listed above qualifies for a Certificate of Achievement in Data Science. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.
Note: All courses must be completed with a letter grade of "C" or higher.