

DEGREES & CERTIFICATES

COMPUTER INFORMATION SYSTEMS ASSOCIATE OF ARTS (AA)

About the Program

The Associate of Arts in Computer Information Systems is designed to prepare students in a wide range of information systems skills applicable to the "real business world," such as office productivity applications (spreadsheets and databases), web development, systems analysis and design, programming, data communication and networking, communication technologies, and internet protocols. These skills will prepare a student to enter into or advance within careers requiring practice knowledge and experience with workplace applications and systems. The degree is also designed provide a foundation for those students who plan to complete a four-year program in computer information systems or related fields of study, and upgrade skills to facilitate assumption of greater responsibility in a current employment position.

Program Goals and Objectives

The Associate of Arts in Computer Information Systems is designed to provide our students with the knowledge and education so that they are prepared for a career in computer information systems or related fields of study. Students receive foundational training in office productivity applications (spreadsheets and databases), web development, systems analysis and design, programming, data communication and networking, communication technologies, and internet protocols.

Career Opportunities

Career Opportunities include, but are not limited to, administrative assistant, office administration, general business, web designer/ webmaster, software installation and maintenance, software quality control, database management, help desk specialist, system analyst, network administration, and technical customer support.

Program Outcomes

- Upon completion of the AA in Computer Information Systems, students are able to analyze a business problem and develop a solution using appropriate applications software.

Learning and Career Pathway Maps

[View LPC Program Map](#)

Required Core: (23 units)

CIS 43 Professional Communications or	3
CNT 43 Professional Communications or	3
CS 43 Professional Communications.....	3
CIS 50 Introduction to Computing Information Technology.....	3
CIS 54 Excel: Introduction to Spreadsheets.....	4
CIS 55 Integrating Office Applications.....	4
CIS 57 Database Concepts.....	3
CIS 66 Networking Fundamentals or	3
CNT 52 Networking Fundamentals.....	3
CIS 88A Introduction to Microsoft Word.....	1.5
CIS 88B Adv Microsoft Word.....	1.5

List A: Select from the Following (12 units)

CIS 59 Web Dev: HTML/CSS/Javascript.....	3
CIS 59C Web Programming - JavaScript.....	3
CIS 60 Systems Analysis and Design.....	3
CIS 62 Project Management.....	3
CIS 9002 Introduction to Database Management.....	3
CNT 51 CompTIA's A+ Certification Computer Technician.....	4
CS 7 Introduction to Computer Programming Concepts.....	3
CIS 81A Introduction to Cloud Computing.....	3
CIS 81B Database Essentials in the Cloud.....	3
CIS 82A AWS Cloud Practitioner Certification Prep.....	2

Total Units for the Major..... 35