

Associate of Applied Science Degree – Computer Information Systems (CIS)

The Associate of Applied Science in Computer Information Systems degree is designed for students who wish to advance their career or enter the workforce in the field of Information Technology. The curriculum provides courses in hardware, operating systems, networking, programming applications development, web application design, and information systems. The degree offers an internship experience designed to provide the student with practical, hands-on experience in the information technology area that the student has selected. UACCB's A.A.S. in Computer Information Systems degree consists of 15 credit hours of general education requirements and 45 credit hours in business classes.

A.A.S. – Computer Information Systems (60 hours)

CORE REQUIREMENTS IN GENERAL EDUCATION

English/Communications – Six (6) hours required

Three (3) hours required:

___ ENG 1103 English Composition I

Three (3) hours required from the following:

___ ENG 1303 Technical Writing

___ ENG 1203 English Composition II

Math – Three (3) hours required

___ MTH 1003 Technical Math

___ MTH 1043 Quantitative Literacy

___ MTH 1023 College Algebra

Or any higher level math course.

Computer Sciences – Three (3) hours required

___ CIS 1003 Introduction to Computers

Social Sciences – Three (3) hours required

___ ECN 2013 Macroeconomics

or

___ ECN 2023 Microeconomics

CIS Technical Courses – Forty-five (45) hours required

___ CIS 1103 Computer Graphics

___ CIS 2253 Internet/Web Pages/Software Platform

___ CIS 2233 Foundations of Information Assurance

___ CIS 2153 Introduction to Programming

___ CIS 1053 Computer Software Applications

___ CIS 1034 Computer Maintenance

___ CIS 2283 Computer Virtualization

___ CIS 2214 Networking I

___ CIS 2224 Networking II

___ CIS 2223 Operating Systems I

___ CIS 2243 Operating Systems II

___ CIS 2023 Database Foundations

___ CIS 2093 Network Defense

___ BUS 2653 Internship

Technical Certificate – Computer Support Specialist (29 hours)

General Education Core

___ CIS 1003 Introduction to Computers

___ ENG 1103 English Composition I

___ MTH 1003 Technical Math or higher level math course

Major Courses

___ CIS 1034 Computer Maintenance

___ CIS 2214 Networking I

___ CIS 2243 Operating Systems II

Technical Core

___ CIS 2233 Foundations of Information Assurance

___ CIS 1053 Computer Software Applications

___ CIS 2253 Internet/Webpages/Software Platform

Technical Certificate – Software Applications (30 hours)

General Education Core

___ CIS 1003 Introduction to Computers

___ ENG 1103 English Composition I

___ MTH 1003 Technical Math or other college level math course

Technical Education Core

___ ACC 1013 Principles of Accounting I

___ CIS 1053 Computer Software Applications

___ CIS 1103 Computer Graphics

Major Courses

___ CIS 2013 Applied Electronic Spreadsheet (Excel)

___ CIS 2233 Foundations of Information Assurance

___ CIS 2253 Internet/Webpages/Software Platform

___ OFA 1063 Word Processing

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Certificate of Proficiency – Information Assurance (9 hours)

Major Courses

- CIS 2233 Foundations of Information Assurance
- CIS 2093 Network Defense
- CIS 2223 Operating Systems I

Certificate of Proficiency – Web Design, Multimedia, and Information Design (9 hours)

Major Courses

- CIS 2233 Foundations of Information Assurance
- CIS 1103 Computer Graphics
- CIS 2253 Internet/Webpages/Software Platform

Certificate of Proficiency – Networking (12 hours)

Major Courses

- CIS 1034 Computer Maintenance
- CIS 2214 Networking I
- CIS 2224 Networking II