



Computer Coding—AAS

The Associate of Applied Science in Computer Coding will focus on the scripting and coding skills employers are demanding. A strong emphasis will be placed on hands-on labs and exercises that will reinforce the lectures. Students will have ample time to be creative in their programs, and the degree will be administered in such a way to make the learning/exercises useful beyond academics. What sets this degree apart from similar degrees is the ability of graduates to get much more scripting and coding experience while meeting the requirements of the A.A.S. degree.

Graduates can work in multiple settings including:

- Database Operator
- Software Debugger
- Help Desk
- Software Administrator
- Computer Coding
- Mobile App Designer

ASSOCIATE OF APPLIED SCIENCE COMPUTER CODING

Total Program = 60 Credit Hours

The fourth digit in the course number indicates the number of credit hours.

The Technical Certificate in Computer Coding is awarded after the first year.

UNIVERSITY REQUIREMENT—1 OR 3 HOURS

University—1 HOUR or 3 HOURS

UNIV	1001	Principles of Academic Success I
UNIV	1003	Principles of Academic Success III

The 3-hour credit course is required for students who must take at least one remedial course. Students who are not required to take a remedial course may take the 3-hour credit course. In both situations, the courses (1-hour or 3-hour) count toward electives.

Department

University
University

COMPUTER CODING REQUIREMENTS

FIRST YEAR

Semester I Fall—11 hours

CIS	1503	Microcomputer Applications I
CST	1104	Introduction to Computer Hardware/Software
CST	1154	Computer Coding

Department

Comp Info Sys
Comp Sys/Net Tech
Comp Sys/Net Tech

Semester II Spring—17 hours

CIS	2873	Structured Programming in the C Language
CST	1234	Database Technology
ENG	1003	Freshman English I
CST	1124	Microcomputer Operating Systems
MATH	1013	Technical Mathematics or higher

Department

Comp Info Sys
Comp Sys/Net Tech
English
Comp Sys/Net Tech
Mathematics



SECOND YEAR

Semester III Fall—17 hours

CST	2134	Local Area Network I
CIS	2543	Special Topics in Computer Applications: Java I
CST	XXX4	Elective

Choose one below.

ENG	1013	Freshman English II
ENG	2033	Technical Communication

Select one social science course from the following departments.

HIST
SOC
POSC
ECON
PSY
GEOG

Department

Comp Sys/Net Tech
Comp Info Sys
Comp Sys/Net Tech

English
English

History
Sociology
Political Science
Economics
Psychology
Geography

Semester IV Spring—15 hours

CIS	2033	Visual Basic Programming
CIS	2553	Special Topics in Computer Applications: Advanced Java II

Choose one below.

CST	1114	Networking Essentials
CST	1134	Router Tech
CST	2234	Intro to Security
CST	2484	System Virtualization
CST	2174	LAN II
CST	1354	Computer Forensics Essentials

Choose one below.

BIOL	1004	Biology for General Education
BIOL	1014	Principles of Biology
BIOL	2104	Microbiology
BOT	1104	General Botany
ZOOL	1204	Principles of Zoology
ZOOL	2004	Human Anatomy and Physiology I
ZOOL	2014	Human Anatomy and Physiology II
CHEM	1014	General Chemistry I
CHEM	1024	General Chemistry II
PHSC	1204	Physical Science
PHSC	1304	Earth Science
PHYS	2054	General Physics I
PHYS	2064	General Physics II
PHYS	2074	University Physics I
PHYS	2084	University Physics II

1 Hour Elective

Department

Comp Info Sys
Comp Info Sys

Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech
Comp Sys/Net Tech

Biology
Biology
Biology
Botany
Zoology
Zoology
Zoology
Zoology
Chemistry
Chemistry
Physical Science
Physical Science
Physics
Physics
Physics
Physics