

Computer Systems Specialist Associate in Applied Science Major Code A010

Program Description

The Computer Systems Specialist Associate in Applied Science Degree, offered at A. Hugh Adams Central Campus and North Campus, is designed to prepare for the growing business market of microcomputer applications, Internet, security, programming, networking, and troubleshooting.

First Year Term I**

*ENC 1101	Composition I	3
*MTB 1310	Applied Mathematics or	
*MAT 1033	Intermediate Algebra	3
CGS 1060C	Computer and Internet Literacy or	3
CS Elective	Computer Science Elective ⁽²⁾	
CGS 1557C	Internet Site Design	3
⁽¹⁾ Elective	Business Elective	3
<i>Total Term Semester Hours</i>		15

First Year Term II

CDA 1403 C	PC Support-OP. Sys (session 2)	3
*CDA 1302C	PC Support-Hardware (session 4)	3
*COP 1334C	Introduction to C++ Programming	3
ENC 2210	Professional and Technical Writing	3
Elective	Humanities/Fine Arts	3
<i>Total Term Semester Hours</i>		15

First Year Term III

CGS 1510	Electronic Spreadsheet or	
CTS 1280C	Microsoft Specialist: Advanced Excel	3
CGS 2263	Local Area Networking	3
<i>Total Term Semester Hours</i>		6

Second Year Term I

*CET 2489C	Networking Technology	2
CGS 1540C	Database Management or	
CTS 1431C	Microsoft Specialist: Advanced Access	3
*COP 2171C	Visual Basic Programming	3
SPC 1024	Intro to Speech Communication or	
SPC 1600	Public Speaking	3
Elective	Elective Social/Behavioral Science	3
<i>Total Term Semester Hours</i>		14

Second Year Term II

*CET 2494C	Advanced Networking	3
*COP 1341	Unix Operating System	3
*CTS 2312C	Security ⁺	4
EET 2355C	Data Communications	3
<i>Total Term Semester Hours</i>		13
<i>Total Program Semester Hours</i>		63

*Requires a pre- or co-requisite. See course description in this catalog or online.

⁽¹⁾Business Elective: Any course with ACG, BUL, GEB, MAN, or MAR.

⁽²⁾ Computer Science Elective: Any course with a CDA,

CEN, CET, CGS, CIS, COP, or CTS prefix

Technical courses should be taken in the sequence and term suggested unless approved by the Department Head.

This program of study applies to students who enroll in Broward Community College for the first time during the 2004-05 academic year. Other students should refer to their applicable catalog.

It is strongly recommended that students see an academic advisor or counselor each term.