

**COMPUTER INFORMATION ADMINISTRATOR**  
**Computer Systems Specialist Associate in Science Major Code 21491§**

**Program Description**

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

**Related Programs**

Tech Support Specialist Associate in Science Major Code 21493§

Help Desk Specialist Technical Certificate Major Code 62822º

Microsoft Office Specialist (MOS) Technical Certificate Major Code 62823º

Support Technician Technical Certificate Major Code 6284

§ Students can earn a degree from 21491, 21493, 21492 or 21134, but not from two or more of these programs.

º Students can earn a certificate from either 62822 or 62823, but not from both programs.

**Entrance Requirements**

- HS Diploma or GED
- PERT

The PERT test places students into preparatory level reading, writing and math courses designed to prepare them for college-level coursework. Recent ACT or SAT score may also be used for placement. For more information, see <http://www.broward.edu/testing/>. Students who test into college prep courses must successfully complete all of the required coursework to qualify for graduation.

**First Year Term I**

ENC 1101	Composition I	3
MAC1105	College Algebra	3
CGS 1060C	Computer and Internet Literacy <b>or</b>	3
CS Elective	Computer Science Elective (2)	
CGS 1557C	Internet Site Design	3
(1)Elective	Business Elective	3
<b>Total Term Semester Hours</b>		<b>15</b>

**First Year Term II**

CTS 1133C	A+ Essentials	3
*CTS 2131C	A+ Practical <sup>1</sup>	3
*COP 1334C	Introduction to C++ Programming	3
ENC 2210	Professional and Technical Writing	3
Elective	Humanities/Fine Arts	3
<b>Total Term Semester Hours</b>		<b>15</b>

**First Year Term III**

CGS 1510	Electronic Spreadsheet <b>or</b>	
CTS 1225C	Microsoft Specialist: Advanced Excel	3
CTS 2383	Managing A Server Network Operating System	3
<b>Total Term Semester Hours</b>		<b>6</b>

**Second Year Term I**

CET 2486C	Networking Technology	2
CGS 1540C	Database Management <b>or</b>	
CTS 1431C	Microsoft Specialist: Advanced Access	3
*COP 2171C	Visual Basic Programming	3
SPC 1024	Intro to Speech Communication <b>or</b>	
SPC 1608	Public Speaking	3
Elective	Elective Social/Behavioral Science	3
<b>Total Term Semester Hours</b>		<b>14</b>

**Second Year Term II**

*CET 2742C	Advanced Networking	3
*CTS 1106	UNIX	3
*CTS 2120C	Security+	4
EET 2355C	Data Communications	3
<b>Total Term Semester Hours</b>		<b>13</b>
<b>Total Program Semester Hours</b>		<b>63</b>

\*Requires a pre- or co-requisite. See course description 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

**Note:** Students must fulfill the computer literacy general education requirements within the first 15 hours of BC credit by successfully completing the basic student technology test or pass the CG1060C to earn the degree.

**Technical courses should be taken in the sequence and term suggested unless approved by the Department's Associate Dean.**

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