



NORTH CAROLINA COMMUNITY COLLEGE SYSTEM
Dr. R. Scott Ralls, President

May 19, 2008

MEMORANDUM

TO: Presidents
Chief Academic Officers

FROM: Delores A. Parker, Vice President
Academic and Student Services

SUBJECT: State Board Action on May 16, 2008
Revised Curriculum Standard

The State Board of Community Colleges approved the requested revision to the following curriculum standard on May 16, 2008:

Computer Information Technology (A25260)

Please note that the only change to this curriculum standard is the addition of the “CCT” (Cyber Crime) prefix.

The revised standard is attached for your convenience. You may view all curriculum standards by visiting the Programs website:

http://www.nccommunitycolleges.edu/Programs/curriculum_standards.htm

If you have questions concerning the revised standard, please contact Dr. Judith C. Mann at 919-807-7108 or mannj@nccommunitycolleges.edu.

DAP/JF/swj
Attachments

c: Dr. John Pettitt
Dr. Judith C. Mann
Ms. Jennifer Frazelle
Ms. Tracy McPherson
Program Coordinators

CC08-117
Email

CURRICULUM STANDARD

<i>Effective Term</i> Spring 2006 [2006*01]

Curriculum Program Title	<u>Computer Information Technology</u>	Code	A25260
Concentration	(not applicable)		

Curriculum Description

The Computer Information Technology curriculum is designed to prepare graduates for employment with organizations that use computers to process, manage, and communicate information. This is a flexible curriculum that can be customized to meet community information systems needs.

Course work will develop a student's ability to communicate complex technical issues related to computer hardware, software, and networks in a manner that computer users can understand. Classes cover computer operations and terminology, operating systems, database, networking, security, and technical support.

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to manage information. Graduates should be prepared to sit for industry-recognized certification exams.

Curriculum Requirements*

- I. **General Education.** Degree programs must contain a minimum of 15 semester hours including at least one course from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. Degree programs must contain a minimum of 6 semester hours of communications. Diploma programs must contain a minimum of 6 semester hours of general education; 3 semester hours must be in communications. General education is optional in certificate programs.

- II. **Major Hours.** AAS, diploma, and certificate programs must include courses which offer specific job knowledge and skills. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit. *(See second page for additional information.)*

- III. **Other Required Hours.** A college may include courses to meet graduation or local employer requirements in a certificate, diploma, or associate in applied science program. These curriculum courses shall be selected from the Combined Course Library and must be approved by the System Office prior to implementation. Restricted, unique, or free elective courses may not be included as other required hours.

	AAS	Diploma	Certificate
Minimum General Education Hours	15	6	0
Minimum Major Hours	49	30	12
Other Required Hours	0-7	0-4	0-1
Total Semester Hours Credit in Program	64-76	36-48	12-18

Major Hours

- A. Core.** The subject/course core is comprised of subject areas and/or specific courses which are required for each curriculum program. A diploma program offered under an approved AAS program standard or a certificate which is the highest credential level awarded under an approved AAS program standard must include a minimum of 12 semester hours credit derived from the subject/course core of the AAS program.
- B. Concentration (if applicable).** A concentration of study must include a minimum of 12 semester hours credit from required subjects and/or courses. The majority of the course credit hours are unique to the concentration. The required subjects and/or courses that make up the concentration of study are in addition to the required subject/course core.
- C. Other Major Hours.** Other major hours must be selected from prefixes listed on the curriculum standard. A maximum of 9 semester hours of credit may be selected from any prefix listed, with the exception of prefixes listed in the core or concentration. Work experience, including cooperative education, practicums, and internships, may be included in associate in applied science degrees up to a maximum of 8 semester hours of credit; in diploma programs up to a maximum of 4 semester hours of credit; and in certificate programs up to a maximum of 2 semester hours of credit.

Computer Information Technology A25260

	AAS	Diploma	Certificate																																													
Minimum Major Hours Required	49 SHC	30 SHC	12 SHC																																													
<p>A. CORE <i>A diploma offered under this AAS degree requires a minimum of 12 SHC extracted from the required subject/course core of the AAS degree.</i></p> <p>Required Courses:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">CIS 115</td><td style="width: 70%;">Intro to Programming and Logic</td><td style="width: 20%; text-align: right;">3 SHC</td></tr> <tr><td>CTS 120</td><td>Hardware/Software Support</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>CTS 285</td><td>Systems Analysis & Design</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>CTS 289</td><td>Systems Support Project</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>DBA 110</td><td>Database Concepts</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>NOS 110</td><td>Operating System Concepts</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>NOS 130</td><td>Windows Single User</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>NOS 230</td><td>Windows Admin I</td><td style="text-align: right;">3 SHC</td></tr> <tr><td>SEC 110</td><td>Security Concepts</td><td style="text-align: right;">3 SHC</td></tr> </table> <p>Required Subject Areas:</p> <p>Basic Computer Skills. Select one:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">CIS 110</td><td style="width: 70%;">Introduction to Computers</td><td style="width: 20%; text-align: right;">3 SHC</td></tr> <tr><td>CIS 111</td><td>Basic PC Literacy</td><td style="text-align: right;">2 SHC</td></tr> </table> <p>Business. Select one:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">BUS 110</td><td style="width: 70%;">Introduction to Business</td><td style="width: 20%; text-align: right;">3 SHC</td></tr> <tr><td>CTS 115</td><td>Info Sys Business Concepts</td><td style="text-align: right;">3 SHC</td></tr> </table> <p>Networking. Select one:</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">NET 110</td><td style="width: 70%;">Networking Concepts</td><td style="width: 20%; text-align: right;">3 SHC</td></tr> <tr><td>NET 125</td><td>Networking Basics</td><td style="text-align: right;">3 SHC</td></tr> </table>	CIS 115	Intro to Programming and Logic	3 SHC	CTS 120	Hardware/Software Support	3 SHC	CTS 285	Systems Analysis & Design	3 SHC	CTS 289	Systems Support Project	3 SHC	DBA 110	Database Concepts	3 SHC	NOS 110	Operating System Concepts	3 SHC	NOS 130	Windows Single User	3 SHC	NOS 230	Windows Admin I	3 SHC	SEC 110	Security Concepts	3 SHC	CIS 110	Introduction to Computers	3 SHC	CIS 111	Basic PC Literacy	2 SHC	BUS 110	Introduction to Business	3 SHC	CTS 115	Info Sys Business Concepts	3 SHC	NET 110	Networking Concepts	3 SHC	NET 125	Networking Basics	3 SHC	35-36 SHC	12 SHC	
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<p>C. OTHER MAJOR HOURS <i>To be selected from the following prefixes:</i> ACC, BUS, CCT, CET, CIS, COE, CSC, CTS, DBA, DES, DME, ECO, ELN, GIS, GRD, HPC, MIT, NET, NOS, OMT, OST, SEC, SGD, and WEB</p> <p><i>Foreign language courses (including ASL) that are not designated as approved other major hours may be included in all programs up to a maximum of 3 semester hours of credit.</i></p>																																																