

**ASSOCIATE IN ARTS**  
**Study Track: Computer Information Systems at NCCU**

**Revised Spring Semester 2009**

*The Durham Tech faculty, in collaboration with NCCU, recommends the following list of courses for students who are considering a career in computer information systems. It is to be used as a blueprint for guiding students interested in majoring in computer information systems at NCCU in their course selections. Students who successfully complete this course of study and who meet the requirements for admission to the university may be eligible to apply for admission to the major with junior standing. **This agreement is meant as a guide and the student should not assume that it addresses unique requirements set by his or her university of choice. It is the student's responsibility to become aware of individual requirements of the senior institution and to make course substitutions as warranted, within the requirements of the AA Plan-of-Study.***

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**General Education Core (44 SHC):** 44 semester hours of credit (SHC) in general education core courses are required as outlined by the North Carolina Community College Curriculum Standards for Associate in Arts degree programs. Students who complete the General Education Core requirements exclusively at public colleges and universities in North Carolina or at private colleges that have signed on to the Comprehensive Articulation Agreement will be able to transfer the set of courses as a package. The General Education Core includes study in the areas of English composition, humanities and fine arts, social and behavioral sciences, natural sciences, and mathematics.

**English Composition (6 SHC):**

- ENG 111 (3 SHC)—Expository Writing
- ENG 113 (3 SHC)—Literature-Based Research

**Humanities and Fine Arts (12 SHC):**

- One English literature course (3 SHC) selected from—ENG 231, 241
- \*FL 112 (3 SHC)—Elementary Foreign Language II (*Must be taken with the accompanying lab—see Other Required Hours below. Students must place into or complete the pre-requisites for FL 112.*)
- FL 211 (3 SHC)—Intermediate Foreign Language I
- PHI 240 (3 SHC)—Introduction to Ethics

*\*Foreign languages offered at both Durham Tech and NCCU include Arabic, French, German, Italian, and Spanish*

**Social and Behavioral Sciences (12 SHC) (Must include 3 separate disciplines):**

- One history course (3 SHC) selected from—HIS 112, 121, 122
- SOC 210 (3 SHC)—Introduction to Sociology
- ECO 251 (3 SHC)—Principles of Microeconomics
- ECO 252 (3 SHC)—Principles of Macroeconomics

**Natural Science (8 SHC):**

- BIO 111 (4 SHC)—General Biology I *and* BIO 112 (4 SHC)—General Biology II
- or*
- CHM 151 (4 SHC)—General Chemistry *and* CHM 152 (4 SHC)—General Chemistry II

**Mathematics (6 SHC):**

- MAT 151 (3 SHC)—Statistics I
  - MAT 171 (3 SHC)—Pre-calculus Algebra (*Must be taken with the accompanying lab—see Other Required Hours below.*)
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## Computer Information Systems at NCCU, Continued

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**ELECTIVES:** To complete the Associate in Arts degree, a student must complete a total of 64 hours. Sixty-four credit hours are guaranteed to transfer. Transfer of credit hours beyond the 64<sup>th</sup> is not guaranteed. Electives transfer as a package if the student completes the AA degree. If the degree is not completed, then elective courses transfer on a course-by-course basis, and it is the student's responsibility to address individual program requirements at the university. We recommend that the additional 20 hours beyond the General Education Core be distributed as follows:

**Other Elective Hours Required for Graduation (7-10 SHC):**

- ACA 122 (1 SCH)—College Transfer Success
- Demonstration of computer competence by completion of CIS 110 (3 SHC)—Introduction to Computers *or* CIS 115—Introduction to Programming and Logic *or* satisfactory score on computer competency test
- FL 182 (1 SHC)—Lab for Foreign Language II
- MAT 171A (1 SHC)—Lab for Pre-calculus Algebra
- PED 121 (1 SHC)—Walk, Jog, Run
- CAPSTONE COURSE: HUM 212 (3 SHC)—Humanities II *or* BIO 140 (3 SHC)—Environmental Biology

**Other Elective Hours (10-13 SHC)**—An additional 10-13 semester hours selected from the following list of courses:

- ACC 120 (3 SHC)—Principles of Financial Accounting
- ACC 121 (3 SHC)—Principles of Managerial Accounting
- COM 231 (3 SHC)—Public Speaking
- HEA 110 (3 SHC)—Health and Wellness
- MAT 263/263A (4 SHC)—Brief Calculus and Lab
- PSY 150 (3 SHC)—General Psychology

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Universities allow, at most, 64 hours of credit to transfer. However, there are situations where more than 64 hours can be completed at the community college. Please consult with an advisor to find out what those situations are.

Durham Technical Community College awards the Transfer Core Diploma. The Transfer Core Diploma confirms that students have completed all their General Education Core requirements under an A.A. or A.S. degree program. Core completion certifies that a student has met all the lower-division General Education Requirements of the receiving senior institution and has met the Minimum Course Requirements (MCRs) for admission to the University of North Carolina System. Students need to apply for the Diploma once they have completed the Core of their respective Plan of Study. Forms are available in Admissions in the Wynn Center.