

**WAYNE COMMUNITY COLLEGE**

**Computer Information Technology (A25260)**

Official Program Description registered with the NC Community College System:

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 business, educational systems, and governmental agencies which rely on computer systems to manage information. Graduates should be prepared to sit for industry-recognized certification exams.

The Computer Information Technology curriculum at Wayne Community College is designed to train graduates to use the hardware and software of personal computers, providing graduates with the broad spectrum of skills needed to productively use small computers in organizational settings.

**Program Learning Outcomes**

Upon completion of the Computer Information Technology program, a graduate should be able to:

- Produce documents using current office suite software.
- Write computer programs using standard programming techniques.
- Complete a system support project from the definition phase through implementation.
- Solve common system-level problems using trouble-shooting skills.

**Degree Awarded**

The Associate in Applied Science Degree - Computer Information Technology is awarded by the College upon completion of this program.

**Note**

Individuals desiring a career in Computer Information Technology should if possible, take algebra, keyboarding, and computer applications courses prior to entering the program. Courses that require critical reading, and written and oral communications skills will also be valuable.

Though students are not required to own their own computer, it is strongly recommended. In addition to textbooks, students will be required to provide their own portable storage media, such as USB drives, for most classes.

**For More Information**

The Computer Information Technology program is in the Business and Computer Technologies Division. For more information, call (919) 739-6878. On the Internet, send e-mail to [bull@wcc.waynecc.edu](mailto:bull@wcc.waynecc.edu) or visit us at our web site at [www.waynecc.edu](http://www.waynecc.edu) or [www.waynecc.edu/academic-programs/outlines/A25260.pdf](http://www.waynecc.edu/academic-programs/outlines/A25260.pdf).

**Admissions**

- A high school diploma or equivalent is required.
- Placement tests in English, mathematics, reading, and computer skills are required to determine entry-level courses that match individual needs.

**First Step To Enroll:**

Call the Admissions and Records Office at (919) 739-6720.

	Contact Hours	Semester Credit Hours
<b>FIRST SEMESTER</b>		
ACA 111 College Student Success.....	1	1

BUS 110 Introduction to Business .....	3	3
CIS 110 Introduction to Computers .....	4	3
COE 110 World of Work .....	1	1
ENG 111 Expository Writing .....	3	3
NOS 110 Operating Systems Concepts.. Social/Behavioral Science Elective .....	5  3	3  3
		17

**SECOND SEMESTER**

CIS 115 Introduction to Prog & Logic ....	5	3
CTS 120 Hardware/Software Support ....	5	3
CTS 130 Spreadsheet .....	4	3
DBA 110 Database Concepts .....	5	3
ENG 114 Prof Research and Reporting ..	3	3
NOS 130 Windows Single User.....	4	3
		18

**THIRD SEMESTER**

CTS 230 Advanced Spreadsheet .....	4	3
CTS 285 Systems Analysis & Design .....	3	3
DBA 115 Database Applications .....	4	3
NET 125 Networking Basics .....	5	3
NOS 230 Windows Admin I .....	4	3
SEC 110 Security Concepts.....	3	3
*Major Elective.....		0-2
		18-20

**FOURTH SEMESTER**

CTS 118 IS Professional Comm .....	2	2
CTS 289 System Support Project .....	5	3
MAT 140 Survey of Mathematics .....	3	3
NOS 231 Windows Admin II .....	4	3
Humanities/Fine Arts Elective..	3	3
Major Elective .....	1	3
		15-17

Total Credit Hours 68-72

\*Select 3 semester hours of Major Electives from the courses below:

COE 111 Co-op Work Experience I.....	10	1
COE 112 Co-op Work Experience I.....	20	2
COE 121 Co-op Work Experience II.....	10	1
COE 122 Co-op Work Experience II.....	20	2
COE 131 Co-op Work Experience III.....	10	1
CSC 151 Java Programming.....	5	3
NET 126 Routing Basics.....	5	3
NOS 120 Linux/UNIX Single User.....	4	3