



# Computer Technology

## General Information

Northwest Florida State College offers a variety of degree and certificate options in the computer field. Two different Associate of Science (A.S.) degrees are available – **Computer Information Administrator** and **Computer Programming and Analysis**. Students may also complete a college credit certificate in **Computer Programming, Computer Programming Specialist, Computer Specialist, Information Technology Management, or Information Technology Technician** while completing the A.S. degree requirements. The A.S. and certificate programs provide students with the educational background necessary for immediate entry into the job market. For related degree and certificate options see the NWF State College catalog.

## Accreditation

Northwest Florida State College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award baccalaureate and associate degrees, certificates and diplomas. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Northwest Florida State College.

## What is a Computer Information Administrator?

Computer Information Administrators set up and maintain customer and inventory databases for a company as well as provide customer service support and technical assistance such as software installation or computer repair. They also provide support with programming, designing web pages, managing web sites, networking, and microcomputer applications.

A Computer Information Administrator degree has a wide range of career possibilities including Technical Support Analyst, Applications Software Specialist, Database Administrator, Internet Technician, Help Desk Support Technician, PC Support Technician, Web Master, Web Support Technician, Web Developer, as well as many other positions.

## What is Computer Programming & Analysis?

A Computer Programmer/Analyst uses recent modeling techniques to evaluate business problems that need an IT solution. They also design, implement, and test computer applications. Employees in this field usually work on a team to help provide technical solutions to customer problems and needs.

A Computer Programming and Analysis degree has a wide range of career possibilities including Systems Analyst, Technical Support Analyst, Computer Programmer, Systems Programmer, Database Analyst, Web Programmer, Programmer Analyst, Applications Programmer, as well as many other positions.

**Over for more info>**

*Plan now to begin a  
Computer degree or  
certificate program  
of study*

New students may be admitted at any time during the year.

Schedule your free academic advising appointment.

**Call (850) 729-6922**

See the NWF State College website for an application for admission.

[www.nwfsc.edu](http://www.nwfsc.edu)

*Classes begin in January,  
February, May, June,  
August and October*

To be admitted you must:

- ❖ Have a high school diploma or GED high school equivalent diploma. If you have not yet completed a diploma you may apply for admission, but must complete a diploma before you are admitted as a degree-seeking student.
- ❖ Submit NWF State College admission and residency forms to NWF State College.
- ❖ Request official transcripts from high school, GED or any post-secondary institution attended.
- ❖ Meet with an advisor to plan a program of study before enrolling in classes.



**NORTHWEST FLORIDA  
STATE COLLEGE**

[www.nwfsc.edu/business](http://www.nwfsc.edu/business)

**Business & Computer Technology 850-729-5369**

*An Equal Access/Equal Opportunity Institution*

7/09



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## What is the job outlook and salary range?

Computer technology jobs are currently in high demand, growing faster than average, as businesses continue to integrate more computer technology. Due to the rapid growth in demand for computer support specialists and systems administrators, those who have strong computer skills and a degree in a computer field continue to be in high demand in the job market. Professional certifications and practical experience, in addition to a degree, increase job prospects further. Salaries for entry-level computer technology jobs in the local region range from \$22,000 to \$35,800 for those with an associate degree or certificate. Salaries increase depending on amount of experience and certifications and may differ greatly by region.

## When are the classes taught?

### Can I work while enrolled?

The coursework in these programs of study is offered in the day, evening, on weekends and through distance learning to accommodate working students. Classes are offered at all six Northwest Florida State College locations.

## What is the cost of the program?

NWF State College fees are the lowest in Florida of any state college or university. A special in-state fee is available at NWF State College for Alabama residents. Vocational credit courses carry lower fees. Expenses such as textbooks and materials are additional. See [www.nwfsc.edu](http://www.nwfsc.edu) for current fees.

## Is Financial Aid available?

An extensive financial aid program through federal, state and local sources is available at NWF State College. Federal sources include the Pell grant, college work-study, loans and scholarships. Tuition Assistance, GI Bill and Veterans benefits may also apply. For detailed information on financial aid and a complete list of scholarships, refer to the current NWF State College catalog, the NWF State College Financial Aid Office or the Financial Aid website at [www.nwfsc.edu/financialaid](http://www.nwfsc.edu/financialaid).

## I've taken courses at another college, will these count toward this program?

Have your transcripts (of work completed at any regionally accredited college) sent to the NWF State College Registrar's Office. Appropriate college staff will evaluate any previous courses you have taken and you will be notified if any may be applied to the Computer Technology program of study you desire.

Over for more info>

## What classes meet program requirements?

### Associate of Science

General Education Courses	Credit Hours
Communications.....	3
Humanities.....	3
Mathematics.....	3
Science.....	4
Social Science.....	3
General Education Elective.....	2
<b>General Education Credits Required.....</b>	<b>18</b>

### A.S. in Computer Information Administrator

Core Courses	Credit Hours
COP 1006 Introduction to Programming Concepts & Logic....	3
CGS 1100 Microcomputer Applications.....	3
CTS 2134 Network Technology.....	3
CGS 1550 Introduction to the World Wide Web.....	3
CTS 2104 Introduction to Windows.....	3
CGS 1570 Computer Applications for Business.....	3
COP 2010 Visual Basic.....	3
CET 1660 Introduction to Network Security.....	3
<b>Total Core Credits Required.....</b>	<b>24</b>

### Technical Electives (Select 24 credits)

Courses	Credit Hours
CIS 1000 Introduction to Computer Science.....	3
CTS 2334 Windows Server Environment.....	3
CIS 1940 Internship in Computer Studies.....	3-6
GEB 1940 Internship - Business.....	3-6
CTS 1156 Desktop Support.....	3
SLS 1101 College Success.....	3
<b>Total Technical Electives Required.....</b>	<b>21</b>

**TOTAL PROGRAM CREDITS REQUIRED.....63**

### A.S. in Computer Programming and Analysis

Core Courses	Credit Hours
COP 1006 Introduction to Programming Concepts & Logic.....	3
MAC 1140 Pre-Calculus Algebra or Higher Level Mathematics....	3
CTS 2134 Network Technology.....	3
CGS 1550 Introduction to the World Wide Web.....	3
CTS 2104 Introduction to Windows.....	3
COP 2220 Programming in C.....	3
COP 2800 Java.....	3
COP 2224 C++.....	3
COP 2010 Visual Basic.....	3
<b>Total Core Credits Required.....</b>	<b>27</b>

### Technical Electives (Select 18 credits):

Courses	Credit Hours
CET 1660 Introduction to Network Security.....	3
CIS 1000 Introduction to Computer Science.....	3
COP 2011 Adv Apps Programming in Visual Basic.....	3
CIS 1940 Internship in Computer Studies.....	3-6
<i>(can be completed two times for credit)</i>	
SLS 1101 College Success.....	3
<b>Total Technical Electives Required.....</b>	<b>18</b>

**TOTAL PROGRAM CREDITS REQUIRED...63**

### Gainful Employment Information

- **U.S. Department of Labor's Standard Occupational Classification (SOC) Code:** 15-1021
- **Link(s) to Occupational Profile(s) on U.S. Department of Labor's O\*NET:**  
<http://www.onetonline.org/link/summary/15-1021.00>
- **On-time Graduation Rate<sup>1</sup>:**
- **Tuition and Fees for Entire Program:**
- **Typical Costs for Books and Supplies for Entire Program:**
- **Job Placement Rate<sup>2</sup>:** TBD
- **Median Loan Debt Incurred (completers):** \$0.00

<sup>1</sup>Source: NEXUS Student Information System

<sup>2</sup>Source: Florida Education and Training Placement Information Program (FETPIP)

### Gainful Employment Information

- **U.S. Department of Labor's Standard Occupational Classification (SOC) Code:** 15-1071
- **Link(s) to Occupational Profile(s) on U.S. Department of Labor's O\*NET:**  
<http://www.onetonline.org/link/summary/15-1071.00>,  
<http://www.onetonline.org/link/summary/15-1071.01>
- **On-time Graduation Rate<sup>1</sup>:**
- **Tuition and Fees for Entire Program:**
- **Typical Costs for Books and Supplies for Entire Program:**
- **Job Placement Rate<sup>2</sup>:** TBD
- **Median Loan Debt Incurred (completers):** \$0.00

<sup>1</sup>Source: NEXUS Student Information System

<sup>2</sup>Source: Florida Education and Training Placement Information Program (FETPIP)