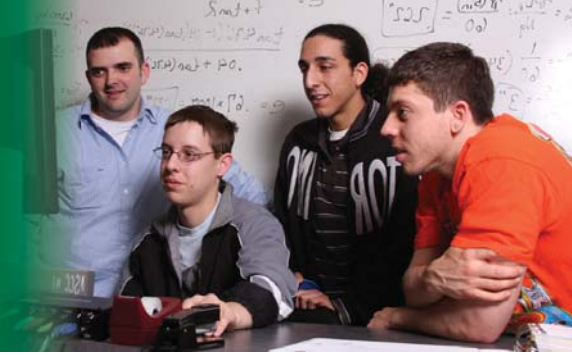


# Computer Programming



## Business Technologies Division

### For Program Questions:

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NSCC is accredited by:  
The Higher Learning Commission  
(312) 263-0456

[www.ncahigherlearningcommission.org](http://www.ncahigherlearningcommission.org)

## Computer Programming

### *Associate of Applied Business in Information Technology*

Computers play a part in nearly all phases of our life today. Businesses and governmental agencies, large and small, require trained computer specialists. The computer programming degree prepares computer programmers and computer operators to work with a wide variety of computers and languages used by area employers. Emphasis is placed upon business-oriented computer languages. Programming and practical applications of business data are stressed. In the laboratory, hands-on experience is provided using the Internet and PC compatible computers.

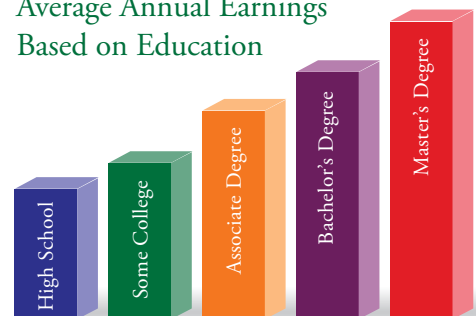
Graduates may find employment in entry-level positions with typical titles such as computer operator, application programmer, maintenance programmer, software developer, or in technical support. A career path may include lead or senior programmer and data processing manager.

## Career Outlook

Employment of computer programmers is expected to be quite good. Opportunities should be especially favorable for those programmers who know several programming languages.

## Education Pays

Average Annual Earnings  
Based on Education



2011-2012

Based on data from the Bureau of Labor Statistics

# Program Sequence

## First Semester

		<i>Credits</i>
+ CIS111	Visual Basic Programming	4
+ CIS191	Computer Operations	3
ENG111	Composition I	3
	Mathematics Elective	3
		<hr/>
		13

## Second Semester

		<i>Credits</i>
+ CIS109	Database Management	4
+ CIS114	Microsoft Applications	3
ENG112	Composition II	3
	Business Elective	3
	Humanities Elective	3
		<hr/>
		16

## Third Semester

		<i>Credits</i>
ACC111	Financial Accounting	4
+ CIS108	Internet Scripting	4
+ CIS150	Programming C++	4
	Science Elective	4
		<hr/>
		16

## Fourth Semester

		<i>Credits</i>
ACC112	Managerial Accounting	4
+ CIS165	Java Programming	4
	Social Behavioral Science Elective	3
+	Technical Elective	3
+	Technical Elective	3
		<hr/>
		17

**Total Program Credit Hours** **62**

+ Students must attain a 2.00 grade point average in these technical courses to graduate.



*Course curriculum is subject to change. Please consult with an Academic Advisor for up-to-date information.*