

Associate of Applied Science in Computer Programming

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



Career Outlook

O*Net Online projects a bright outlook for computer programming degree students. Bright outlook occupations are expected to grow rapidly in the next several years, will have large numbers of job openings, or are new and emerging occupations.

Job duties include creating, modifying, and testing the code, forms, and script that allow computer applications to run. Work is performed based upon specifications drawn up by software developers or other individuals. Programmers may assist software developers by analyzing user needs and designing software solutions. Programmers may develop and write computer programs to store, locate, and retrieve specific documents, data and information.



STEM and Industrial Technology Division



Franklin Roberts
Dean

Questions:

NSCC Admissions Office
(419) 267-1320
admissions@NorthwestState.edu

www.NorthwestState.edu

Education Pays

Average Annual Earnings
Based on Education



Based on data from the Bureau of Labor Statistics

2024-2025

NSCC is accredited by:
The Higher Learning Commission
(312) 263-0456
www.ncahigherlearningcommission.org

PROGRAM SEQUENCE

First Semester		Credits
CIS114	Microsoft Applications	3
+ CIT191	Computer Operations	3
EET107	Python Programming	3
ENG111	Composition I	3
MET100	Intro to Engineering Technology	2
		14
Second Semester		Credits
+CIT194	IT Security Fundamentals	3
+CIT161	C#	4
ENG210	Technical Communications	3
ELECTIVE	Humanities Elective	3
ELECTIVE	Math Elective	3
		16
Third Semester		Credits
ACC111	Financial Accounting	OR
+CIT290	Information Technology Internship	3
+CIT150	Programming C++	4
+CIT165	Java Programming	4
+CYB210	Cybersecurity Programming	3
ELECTIVE	Social Behavioral Science Elective	3
		17
Fourth Semester		Credits
+CIT108	Internet Scripting	4
+CIT109	Database Programming	4
+CIT266	Data Structures & Algorithms	3
ELECTIVE	Natural Science Elective (with lab)	3
		14
Total Program Credit Hours		61

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