

## IT Specialist Short-Term Technical Certificate

The IT Specialist short-term certificate program develops skills in database management and reporting as well as foundations of computer programming. Students will work with industry-recognized databases (such as Oracle) and related tools for pulling data (SQL, Crystal Reports). Students will also develop skills with object-oriented programming languages that will enable them to create both windows- and web-based solutions for end-users.

## Career Outlook

Increased financial regulations, privacy rules and security guidelines are causing more companies to handle data analysis and processing within national markets. But with the high cost of information technology service in larger urban areas, provider companies are being drawn to less populated locales, prompting the demand for highly-trained employees living in these areas. The market is eager for a local option in the IT outsourcing sector for data report writing, electronic forms development and applications development in JAVA.

## Admissions Requirements

- Basic computer application literacy. Be able to pass a four-part diagnostic exam on Concepts of Information and Communication Technology, Using the Computer and Managing Files, Databases/Access 2007 and Spreadsheets/Excel 2007.
- ACCUPLACER testing. Complete any developmental courses needed.
- Course placement algebra score at the MTH 080 level or successful completion of MTH 080.
- GPA of 2.0 or higher.



## Industrial Technologies Division



Ronald Scozzari, B.S., M.S.  
Dean

### Questions:

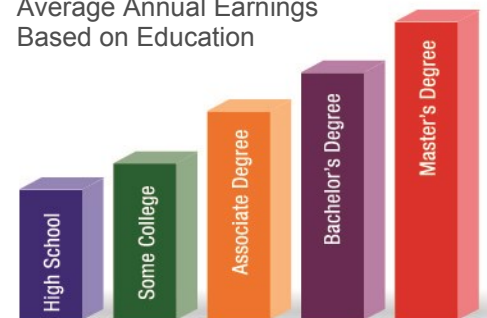
NSCC Admissions Office  
(419) 267-1320  
admissions@NorthwestState.edu

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

2016-2017

### Education Pays

Average Annual Earnings  
Based on Education

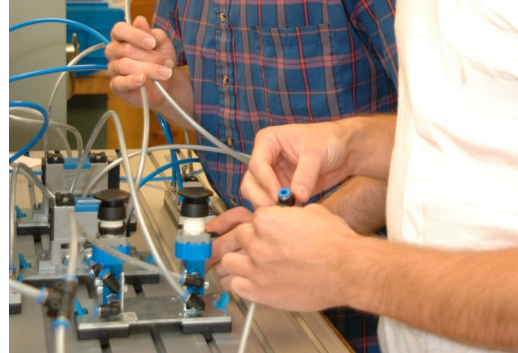


Based on data from the Bureau of Labor Statistics

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

# PROGRAM SEQUENCE

Course		Credits
+DBP110	ICDL Computer Technologies	1
+DBP130	IT Customer Service & Communication	2
+DBP150	Database Basics	3
+DBP205	Discrete Structures Applications	3
+DBP210	Foundations of Computer Programming	3
+DBP220	Database Reporting	3
+DBP225	Computer Programming II	3
+CIS195	Networking Essentials	3
<b>Total Program Credit Hours</b>		<b>21</b>



+ Refers to technical coursework. Students must attain a minimum grade of “C” in these technical courses in order to progress in the program and graduate.

*Gainful employment information for NSCC's certificate programs can be found online at: [NorthwestState.edu/GainfulEmployment](http://NorthwestState.edu/GainfulEmployment). Gainful employment information includes: estimated cost of the program, average student loan debt and types of jobs available.*