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.

Admission Requirements

• COMPASS testing. Complete any developmental courses needed.
• Course placement algebra score at the MTH080 level or successful completion of MTH080.
• GPA 2.0 or higher.

Education Pays

Average Annual Earnings Based on Education

For Program Questions:
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(419) 267-1468
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For Admissions Questions:
NSCC Admissions Office
(419) 267-1320
admissions@northweststate.edu

2013-2014
### Program Sequence

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ DBP120 Computer Systems I</td>
<td>2</td>
</tr>
<tr>
<td>+ DBP121 Computer Systems II</td>
<td>3</td>
</tr>
<tr>
<td>+ DBP205 Discrete Structures Applications</td>
<td>3</td>
</tr>
<tr>
<td>+ DBP210 Foundations of Computer Programming</td>
<td>3</td>
</tr>
<tr>
<td>+ DBP220 Database Reporting</td>
<td>3</td>
</tr>
<tr>
<td>+ DBP225 Computer Programming II</td>
<td>3</td>
</tr>
<tr>
<td>DBP230 Professional Communication Skills</td>
<td>1</td>
</tr>
<tr>
<td>+ CIS195 Networking Essentials</td>
<td>3</td>
</tr>
</tbody>
</table>

21

For information about our graduation rates, the median debt of students who have completed the program, and other important information, visit www.northweststate.edu

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

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