# Information Technology – Web Analyst/Programmer

## Curriculum Map

Program offered at New Richmond

Check out this program at http://www.witc.edu/programs/progcerts.htm

### Information Technology - Web Analyst/Programmer

(Two-Year)

Associate Degree (10-152-4)

**Job Titles**

- Web Developer
- Programmer/Analyst
- Computer Programmer
- Database Administrator
- Web Master

## Courses

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<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
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<tbody>
<tr>
<td>10152101</td>
<td>10152102</td>
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<td>10152103</td>
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<td>10152100</td>
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<td>10152135</td>
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<td>10801195</td>
<td>10152110</td>
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<td>10809198</td>
<td>10804125</td>
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<tr>
<td>Web Design and Development</td>
<td>Advanced Web Site Development</td>
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<tr>
<td>Visual Basic – Beginning</td>
<td>Visual Basic – Advanced</td>
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<tr>
<td>Database Concepts and SQL</td>
<td>Java Programming – Beginning</td>
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<tr>
<td>Program Logic</td>
<td>Object-Oriented Design with UML</td>
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<tr>
<td>Written Communication</td>
<td>Programming in SQL</td>
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<tr>
<td>Introduction to Psychology</td>
<td>Business Math</td>
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<table>
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<tr>
<th>Third Semester</th>
<th>Fourth Semester</th>
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<td>10152105</td>
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<td>Enterprise Visual Programming</td>
<td>Enterprise Java Programming</td>
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<tr>
<td>Basic Programming</td>
<td>Applications Development</td>
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<tr>
<td>Java Programming – Advanced</td>
<td>Professional Profile</td>
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<tr>
<td>Systems Analysis and Design</td>
<td>Job Quest</td>
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<tr>
<td>Server-Side Web Development</td>
<td>Technical Reporting</td>
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<tr>
<td>Oral/Interpersonal Communication</td>
<td>Economics</td>
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### Helpful High School Courses

- Basic computer skills including Programming and Concepts
- Keyboarding
- Algebra
- Consumer Math
- Microsoft Windows
- Internet Browsers

### Electives

- 10135100 Introduction to E-Commerce
- 10152114 Programming in XML

Courses reflected in **red** are approved for advanced standing with WITC.

Note: Course sequence may vary by campus.