

# Information Technology – Web Analyst/Programmer Curriculum Map

Curriculum Map

Program offered at New Richmond

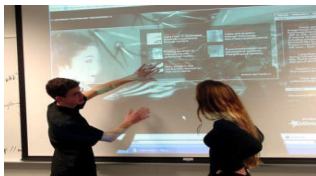
Check out this program at <http://www.witc.edu/programs/progcerts.htm>



School Year 2006-2007

## Information Technology - Web Analyst/Programmer

(Two-Year)  
Associate Degree (10-152-4)



### Job Titles

Web Developer  
 Programmer/Analyst  
 Computer Programmer  
 Database Administrator  
 Web Master

## Clayton High School

### First Semester

10152101 Web Design and Development  
 10152103 Visual Basic – Beginning  
 10152100 Database Concepts and SQL  
 10152135 Program Logic  
 10801195 Written Communication  
 10809198 Introduction to Psychology

### Second Semester

10152102 Advanced Web Site Development  
 10152104 Visual Basic – Advanced  
 10152106 Java Programming – Beginning  
 10152109 Object-Oriented Design with UML  
 10152110 Programming in SQL  
 10804125 Business Math

### Third Semester

10152105 Enterprise Visual Basic Programming  
 10152107 Java Programming – Advanced  
 10152111 Systems Analysis and Design  
 10152112 Server-Side Web Development  
 10801196 Oral/Interpersonal Communication

### Fourth Semester

10152108 Enterprise Java Programming  
 10152113 Applications Development  
 10105115 Professional Profile  
 10890105 Job Quest  
 10801197 Technical Reporting  
 10809195 Economics

### 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.