## Information Technology - Web Analyst/Programmer

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

### Job Titles
- Web Developer  
- Programmer/Analyst  
- Computer Programmer  
- Database Administrator  
- Web Master

### Curriculum Map

- **Webster 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.