## Computer Programming AAT

Program Start: Fall and Spring Program Length: 6 Quarters Prerequisites: Yes Total College Credits: 90

Completion of ENG 094 and MAT 094 and basic competencies with personal computers, Windows- based word processing and spreadsheet software. Touch-typing proficiency of 35 words per minute is recommended

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| High School | College |
| Core Science Credit | Object-Oriented Analysis & Design – CPW 207 (4 credits)  Data & Logic Structures – CPW 245 (5 credits) |
| Core Math Credit | Precalculus I – MATH 141& (5 Credits)  Introduction to Statistics – MATH& 146 (5 Credits) |
| Core English Credit | English Composition I – ENGL& 101 (5 credits)  Public Speaking – CMST& 220 (5 credits) |
| Core Social Studies | General Psychology – PSYC& 100DIV (5 credits)  Introduction to Sociology – SOC& 101DIV (5 credits) |
| CTE Credits/Optional Elective | College Success for All – COLL 102 (3 credits)  Programming Fundamentals – CPW 101CL (5 credits)  .NET Programming – CPW 115 (4 credits)  Web Design Principles – CPW 117 (3 credits)  Java Object-Oriented Programming I – CPW 142 (5 credits)  Java Object-Oriented Programming II – CPW 143 (5 credits)  Principles of Relational Databases – CPW 151 (4 credits)  Advanced JavaScript – CPW 204 (3 credits)  Advanced Database Programming – CPW 209 (3 credits)  Advanced .NET Programming – CPW (4 credits)  .NET Web Programming – CPW 219 (3 credits)  Advanced .NET Web Programming – CPW (4 credits)  Introduction to JavaScript – CPW (4 credits)  Portfolio – CPW 226CAP (4 credits)  C++ – CPW 228 (4 credits)  Programming Practicum – CPW 241 (4 credits)  Phone Programming – CPW 253 (4 credits) |