Computer Programming
Diploma
CP24

Curriculum

Basic Skills
- ENGL 1010 Fundamentals of English I (3)
- MATH 1012 Foundations of Mathematics (3)
- EMPL 1000 Interpersonal Relations and Professional Development (2)

Total Credit Hour (minimum): 8

Occupational Courses

Required Courses:
- CIST 1305 Program Design and Development (3)
- COMP 1000 Introduction to Computers (3)
- CIST 1001 Computer Concepts (4)
- CIST 1210 Introduction to Oracle Databases (4)
- CIST 1510 Web Development I (3)
- CIST 2921 IT Analysis, Design, and Project Management (4)
- CIST 1601 Information Security Fundamentals (3)

Total Credit Hour (minimum): 24

Programming Language Course Electives
(Choose FIVE courses from the following (at least two of which must be CIST23x2 or CIST23x3))
- CIST 2311 Visual Basic I (4)
- CIST 2312 Visual Basic II (4)
- CIST 2341 C# Programming I (4)
- CIST 2342 C# Programming II (4)
- CIST 2371 Java Programming I (4)
- CIST 2372 Java Programming II (4)
- CIST 2381 Mobile Application Development I (4)
- CIST 2382 Mobile Application Development II (4)
- CIST 2383 User Experience (4)

Total Credit Hour (minimum): 20

Total Credit Hour (minimum): 52