

**THIS IS A CAREER DEGREE.
IT IS NOT DESIGNED TO TRANSFER TO A FOUR YEAR UNIVERSITY.**

**Danville Area Community College
2010-2011**

Application Development

Associate in Applied Science Degree

This curriculum is designed for persons interested in preparing for positions in the numerous programming fields. Career opportunities in programming are quite extensive and diversified. Career objectives of persons completing this program would be in the areas of ***PC Programming and Internet Design***. This degree allows students to combine knowledge from two different programming areas. Businesses in today's world use all of these systems to accomplish and meet their Information Technology needs. This is an occupational program typically not designed to transfer; however, this program has been articulated to some senior institutions. Please contact a counselor for specific details.

***First time degree seeking students must complete INST101, Success in College,
as a requirement for graduation.***

| REQUIRED COURSES | HOURS | F,S,I,SU | GRADE |
|--|-------|----------|-------|
| First Semester | | | |
| CBUS 150 Business Computer Systems | 3 | | |
| INFO 105 Intro to Computer Workstations | 2 | | |
| INFO 110 Internet & Telecommunications | 3 | | |
| INFO 135 Concepts in Programming Principles: C++ | 3 | | |
| ENGL 121 Communication Skills | 3 | | |
| SPCH 101 Oral Communication | 3 | | |
| Total | 17 | | |
| Second Semester | | | |
| INFO 190 Worksite Seminar | 1 | | |
| INFO 154 C++ Programming | 3 | | |
| INFO 164 Visual Basic Programming | 3 | | |
| INFO 174 Internet Development Tools | 3 | | |
| INFO 249 Help Desk Skills | 3 | | |
| Humanities Elective | 3 | | |
| Total | 16 | | |
| Third Semester | | | |
| INFO 245 Employment Seminar | 1 | | |
| INFO 153 A+ Software Preparation | 3 | | |
| INFO 224 Advanced Internet Development | 3 | | |
| INFO 244 Advanced Windows Programming | 3 | | |
| MATT 133 Technical Mathematics | 4 | | |
| Social Science Elective | 3 | | |
| Total | 17 | | |
| Fourth Semester | | | |
| INFO 289 Implementing Information Technologies | 3 | | |
| INFO 290 Supervised Occupational Experience | 3 | | |
| INFO 230 Web Programming | 3 | | |
| INFO 284 Java Programming | 3 | | |
| INFO 285 Database Concepts: SQL | 3 | | |
| Total | 15 | | |

Total Hours 65