

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

**Danville Area Community College  
2014-2015**

## Computer Programming and Web Design

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 **Computer Programming and Web 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
<b>First Semester</b>			
CBUS 150 Business Computer Systems	3		
INFO 135 Concepts in Programming Principles: C++	3		
INFO 174 Intro to Web Design: HTML/CSS	3		
ENGL 121 Communication Skills	3		
SPCH 101 Oral Communication	3		
Total	15		
<b>Second Semester</b>			
INFO 190 Worksite Seminar	1		
INFO 154 Advanced C++ Programming	3		
INFO 164 Visual Basic Programming	3		
INFO 224 Web Design: Content Management Systems	3		
INFO 249 Help Desk Skills	3		
Humanities Elective	3		
Total	16		
<b>Third Semester</b>			
INFO 245 Employment Seminar	1		
INFO 153 A+ Software Preparation	3		
INFO 244 Advanced Visual Basic Programming	3		
INFO 284 Web Programming: Javascript, jQuery	3		
MATT 133 Technical Mathematics	4		
Total	14		
<b>Fourth Semester</b>			
INFO 290 Supervised Occupational Experience	3		
INFO 230 Web Programming: PHP/MySQL	3		
INFO 285 Database Concepts: SQL	3		
INFO 276 Programming Mobil Phones Apps	3		
Social Science Elective	3		
Total	15		
Total Hours	60		