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

Danville Area Community College
2019-2020

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 Development**.** 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 135 Concepts in Programming: C++	3		
INFO 174 Intro to Web Design: HTML/CSS	3		
ENGL 121 Communication Skills	3		
MATT 133 Technical Mathematics	4		
Total	16		
Second Semester			
INFO 154 C++ Programming (pre INFO 135 with C or higher)	3		
INFO 165 Intro to C# Programming	3		
INFO 190 Worksite Seminar	1		
INFO 284 Web Programming: JavaScript (Complete INFO 135 or INFO 165 with a C or higher. Complete INFO 174 with a C or higher)	3		
SPCH 101 Oral Communication	3		
Social Science Elective	3		
Total	16		
Third Semester			
INFO 232 Intro to Java Programming	3		
INFO 230 Web Programming	3		
INFO 243 Advanced C# Programming	3		
INFO 245 Employment Seminar	1		
INFO 285 Database Concepts: SQL	3		
Humanities Elective	3		
Total	16		
Fourth Semester			
INFO 249 Help Desk Skills	3		
INFO 237 Advanced Java Programming	3		
INFO 276 Developing Mobile Phone Apps	3		
INFO 290 Supervised Occupational Experience	3		
INFO 270 DataBase Design Principles	3		
Total	15		
Total Hours	63		