Computer Science

Associate in Science in Computer Science
to
Bachelor's of Science in Information Technology

Delaware County Community College

First Semester			*First Semester*		
ENG 100	Composition I	3	ENGL 15	Rhetoric and Composition	3
MAT 160	Calculus I	4	MATH 140	Calculus with Analytical Geometry	3
DPR 100	Intro to Information Technology	3	MIS 204	Title?	3
DPR 101	Intro to Computer Science	3	CMPSC XFR 100	Free elective?	3
	Any transferable Diversity and Social Justice and Global Understanding designated Social Science course[1]	3		Dependent upon course selection	3
		16			15
Second Semester			*Second Semester*		
DPR 110	Intro to C++	3	CMPSC 101	Introduction to Programming	3
MAT 161	Calculus II	4	MATH XFRGQ1	Free elective ?	4
ENG 112	English Composition II: Writing About Literature	3	ENG 101	Introduction to Literature	3
DPR 104	Intro to Java Programming	3	IST 140	Intro to Application Development	3
	Humanities/Social Science Elective[2]	3		Dependent upon course selection	3
		16			16
Third Semester			*Third Semester*		
NET 110	Network Communications	3	IST XFRGEN	Free elective ?	3
DPR 204	Intermediate Java Programming	3	CMPSC XFR 100	Free elective ?	3
	Scientific Inquiry (SI) course	4		Dependent upon course selection	4
POL 120	Social Science Elective: Recommend American National Government	3	PLSC 1	American Politics	3
	Business/Mathematics Elective[3]	3		Dependent upon course selection	3
		16			16
Fourth Semester			*Fourth Semester*		
DPR 212	Data Structures and Algorithms	4	CMPSC XFR 100	Free elective ?	3
	Oral Communication (OC)[4]	3		Dependent upon course selection	3
	Science Elective	4		Dependent upon course selection	4
	Humanities Elective	3		Dependent upon course selection	3
	Humanities Elective	3		Dependent upon course selection	3
		17			16
	Total Credits:	65		**Total Credits:**	63

Notes:

1	Penn State is recommending SOC 120 or if not SOC 120, refer to endnote #2.
2	Penn State is recommending that students take ECO 210 or 220.
3	Select from: BUS 220, MAT 210 or 230.
4	Penn State is recommending COMM 111.