

GÉAGCE !^^{ ^} dKOU/Á Ú[-c æ^ÄÖ^ç^[[]{ ^} óÁP æ @ æÖ[{ { ~ } æ ÄÖ[||^*^Á
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Years 1 and 2 at N		
Course ID	Course Title	Credits
<u>Year One</u>		
	at NCC	
CPTN101	PC Assembly/Operating Systems	3
CPTN102	Website Development I	3
CPTN103	Website Development II	3
CPTN140	Essentials of Systems Analysis	3
CPTN161	Introduction to Programming Using VB	3
CPTN175	Intermediate Programming Using C++	3
CPTN205	Networking Basics	3
ENGN101	College Composition	4
LEXN101	Freshman Seminar	1
MTHN110	Algebra and Trigonometry	4
MTHN170	Discrete Mathematics	3
General Education	Group A Elective	3
	Sub-total for Year One at NCC	36
<u>Year Two</u>		
	at NCC	
CPTN207	Database Design & Management	3
CPTN230	Advanced Programming Using C++	3
CPTN278	Data Structures: Using C++	3
CPTN285	Sr. Software Dev. Lab: A Capstone <OR>	3
CPTN290	Computer Science Internship	3
Elective in Major	CPTN202	3
Elective in Major	MTHN106	4
General Education	Group B Elective	3-4
General Education	Group D Elective	4
General Education	Group C Elective	3
General Education	Group F Elective	3
	Sub-total for Year Two at NCC	29
	Total Credits for AS Software Development	67-68

Years 3 and 4 at PSU		
Course ID	Course Title	Credits
<u>Year Three</u>		
	at PSU	
CS 2220	Computer Hardware	3
CS 3720	Systems Analysis & Design	3
CS 4140	Software Engineering	3
CS 4520	CyberEthics	3
MA 2490 or 2550	Semester 1 (of 2) of calculus	4
MA 2500 or 2560	Semester 2 (of 2) of calculus	4
PPDI	Past and Present Directions Course	3
SWL	Science with Lab	4
SIDI	Scientific Inquiry Direction	3-4
	Sub-total for Year One at PSU	30-31
<u>Year Four</u>		
	at PSU	
CS 3780	Introduction to Computational Theory	3
CS 4250	Computer Architecture	3
CS 4310	Operating Systems	3
CS 4750	Senior Project	3
CS	CS Elective	3-4
GACO	Global Awareness Connection	3
WECCO	Wellness Connection	3
	Elective	2
	Sub-total for Year Two at PSU	23-21
	Total Credits taken at PSU	52
	Total Credits to BS Computer Science Degree	120