



**AAS in Information Technology Network Design and Administration to
BS in Information Technology**

First Semester

Suffolk Courses	Credits	Pace Equivalent	Credits
COL101: College Seminar	1	UNV 101	1
CST111: Introduction to Computer Science and Information Technology	4	CIT 110: Intro to Information Technology AND GEN 000	3 1
CST112: Introduction to Programming	4	CIT 312: Introduction to Programming I	4
ENG101: Standard Freshman Composition	3	ENG 110: Composition	3
MAT107: Computer Mathematics Concepts	4	MAT 137: Introduction to Discrete Mathematics	4
Physical Education	1	GEN 000	1
Total Suffolk Credits:	17	Total	17

Second Semester

Suffolk Courses	Credits	Pace Equivalent	Credits
CST125: Installing & Configuring and Operating MS Windows Operating Systems or CST126: Operating Systems: Linux	4	CS 271: Fundamentals of Unix & C Programming GEN 000	2 2
CST141: Principles of Computing with Java	4	CS 121: Computer Programming I	4
ENG121: Technical Writing	3	GEN 000	3
MAT103: Statistics I or MAT121: Finite Mathematics or Higher	3-4	MAT 134: Intro to Probability & Statistics	3
Social Sciences Elective	3	Social Sciences Elective	3
Total Suffolk Credits:	17-18	Total	17

Third Semester

Suffolk Courses	Credits	Pace Equivalent	Credits
Business or Science/Engineering/Technology Elective	3-4	CIT Major Elective	3-4
CSE or CST Elective (excluding CST101)	3-4	CIT Major Elective	3-4
CYB111: CCNA Introduction to Networks	3	CIT 221: Global Networking Technology	3
Humanities Elective	3	Humanities Elective	3
Physical Education	1	EXCESS	
Total Suffolk Credits:	13-15	Total	12-14

Fourth Semester

Suffolk Courses	Credits	Pace Equivalent	Credits
CST288: Cooperative Education/Internships for Computing Technology (Strongly Recommended) or BUS150: Cooperative Ed in Business	3	CIT 471: Internship	3
CST227: Network Operating Systems and Network Infrastructure	4	TS 314: Operating Systems	4
CYB121: CCNA Routing & Switching Essentials	3	AIT 235: Telecommunications II	3
Social Sciences Elective	3	Social Sciences Elective	3
Total Suffolk Credits:	13	Total	13

Total Suffolk Credits For Transfer	60-63	Total Pace Credits to Transfer in	59-61
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