

Computer Science, A.S. - Sequence B (Engineering)

Fall 2010

Student's Name:

Advisor's Name:

Student needs to take the following courses:	<input type="checkbox"/> ENGL 099 - Basic Writing Skills
	<input type="checkbox"/> MATH 090 - Developmental Math
	<input type="checkbox"/> MATH 095 - Beginning Algebra
	<input type="checkbox"/> RDNG 099 - Reading & Vocabulary Skills Development
	<input type="checkbox"/> RDNG 116 - College Reading and Study Skills
	Other Coursework Needed - See Below
	<input type="checkbox"/> MATH 100 - Intermediate Algebra
<input type="checkbox"/> MATH 132 - College Algebra and Trigonometry	
<input type="checkbox"/> MATH 135 - Precalculus Mathematics	

Course Requirement	Course Title	Credits	Min. Grade	Grade Earned T - Transfer	Semester Completed
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FIRST YEAR

FALL

CAPS 131	Introduction to Databases	1			
CAPS 133	Advanced Databases	1			
CSCI 160	Introduction to Computer Programming	3			
ENGL 100	Academic Writing I*	3	C		
MATH 200	Statistics	3			
MATH 201	Calculus I	4			

Total Credits **15**

SPRING

CSCI 165	Computing Fundamentals I	3			
ENGL 101	Academic Writing II	3			
MATH 181	Discrete Mathematics	3			
MATH 202	Calculus II	4			
PHSC 211	Physics I (Mechanics & Heat)	4			

Total Credits **17**

SECOND YEAR

FALL

CIS 220	Database Concepts	3			
CSCI 205	Computing Fundamentals II	3			
ENGL 102	Approaches to Literature	3			
MATH 203	Calculus III	4			
PHSC 212	Physics II (Electricity & Magnetism)	4			

Total Credits **17**

SPRING

CSCI 210	Assembly Language & Computer Systems	3			
ENGL 201 OR ENGL 204	Fundamentals of Speech OR Fundamentals of Interpersonal Communication	3			
SUNY GEN ED Restricted Elective**		3			
SUNY GEN ED Restricted Elective**		3			
SUNY GEN ED Social Sciences Elective		3			

Total Credits **15**

Semester Credits Required for Graduation: 64 *See back page for SUNY General Education and Liberal Arts & Sciences Disciplines/Courses*

* A student exempted from ENGL 100 should substitute MATH 206 Differential Equations.

** Select from approved courses for two of the following SUNY GEN ED areas: 4-American History, 5-Western Civilization, 6-Other World Civilizations, 8-The Arts, or 9-Foreign Language. Students must select restricted electives from different areas.

Notes:

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