

SUNY Orange Computer Science, A.S.		Dominican College Computer Information Systems, B.S.	
Course Number and Title		Course Number and Title	Credits
<i>First Semester</i>			
ENG 101 – Freshman English I		EN 112 – College Writing and Research	3
SUNY Social Science list		General Education Curriculum II/III/Liberal Arts	3
CSC 101 – Computer Science I		CI 248 – C++ Programming	3
MAT 205 – Calculus I		MA 221 – Calculus I	4
COM 101 – Foundations of Communication		GEC I	3
PES 100 – Concepts of Physical Wellness		N/A	1
<i>Second Semester</i>			
ENG 102 – Freshman English II		EN 113 – Introduction to Literary Form	3
HIS – Restricted History Elective*		GEC II	3
MAT 206 – Calculus II		MA 222 – Calculus II	4
CSC 102 – Computer Science II		CI 358 – Advanced C++ Programming	4
EET 104 – Digital Electronics I		GEC IIIS	3
PES ____ – Physical Education		N/A	1
<i>Third Semester</i>			
PHY 101 – General Physics I** or PHY 105 – General Physics I w/Calculus		GEC IIIS or GEC IIIS	4
MAT 211 – Linear Algebra		GEC I	3
CSC 201 – Data Structures		CI 456 – Database Organization and Systems	3
Restricted SUNY Elective***		GEC II/Liberal Arts	3
<i>Fourth Semester</i>			
PHY 102 – General Physics II** or PHY 106 – General Physics II w/Calculus		GEC IIIS or GEC IIIS	4
MAT 125 – Introduction to Statistics		MA 225 – Introduction to Statistics	3
MAT 136 – Discrete Mathematics		GEC I	3
CSC 204 – Computer Organization & Assembly Language Prog.		CI 355 – Assembly Language Programming	3
Electives		Elective	2/4
Total			65-67

* SUNY American History or Western Civilization or Other/World Civilization

** Consult catalog of the college to which you intend to transfer. Some require the General Physics with calculus.

*** SUNY Arts or Foreign Language lists or any list not selected from in Second Semester SUNY History Elective above.

Articulation Agreement executed September 2002.