

## Computer Science and Computer Information Systems Agreement Triton Community College and DePaul University

A.A.S Degree in Computer Information Systems/Programming Concentration To B.S. in Computer Science  
Effective for Triton students who begin the Triton program in the following academic year; 2008-2009; Triton courses must be completed and the students must transfer to DePaul within four years of beginning at Triton

### Triton College A.A.S Degree in CIS: Programming Concentration

First Semester		Second Semester	
BUS 141 Intro to Business	3	CIS 190 Web Site Development	3
CIS 101 Intro to Computer Science	3	ACC 101 Financial Accounting	3
CIS 121 Introduction to Programming	3	CIS 170 Or 174 Or 177 (LAN or UNIX)	3
CIS 125 Discrete Mathematics for Computing	4	CIS 253 Visual Basic Programming	3
BUS 103 Introduction to Keyboarding	1	CIS 310 Data Com and Networking Fund	3
RHT 101 Freshman Rhetoric & Comp I	3		
	17		15
<b>Third Semester</b>		<b>Fourth Semester</b>	
ACC 105 Managerial Accounting	3	CIS 280 Business Systems Analysis	3
CIS 277 Microcomputer Operating Systems	3	HTH 104 Science of Personal Health	2
CIS 250 Intro to Visual Basic Programming	3	HIS 151 or PSC 150 or SSC 190	3
CIS 255 Programming in C++	3	CIS 262 Oracle DBMS Development	3
SPE 101 Principles of Effective Speaking	3	CIS 275 Project Management	3
	15	CIS 278 Database Management Systems	3
		CIS 295 Data Structures with C++	3
			20

**Bridge Courses at Triton: 4 IAI/GE courses & Math 131(Calculus). Total of 67 semester hours in the AAS degree. Complete 5 bridge courses=16 bridge credit hours. AAS + bridge = 83 semester/124 quarter credit hours. A limit of 66 semester (99 quarter) hours will be applied to the DePaul degree.**

### DePaul: BS in Computer Science

First Quarter		Second Quarter	
MAT 141 Discrete Mathematics II	4	CSC 224 Java for Programmers	4
CSC 208 Computer and Social Responsibility	4	CDM Upper level elective	4
Liberal Studies	4	Liberal Studies	4
Liberal Studies	4	Liberal Studies	4
	16		16
<b>Third Quarter</b>		<b>Fourth Quarter</b>	
SE 350 Object-Oriented Software Development	4	IT 223 Data Analysis	4
MAT 151 Calculus II	4	CSC 321 Design and Analysis of Algorithms	4
Liberal Studies	4	Liberal Studies	4
Liberal Studies	4	Liberal Studies	4
	16		16
<b>Fifth Quarter</b>		<b>Sixth Quarter</b>	
CSC 347 Concepts Programming Languages	4	CSC 374 Computer Systems II	4
CSC 373 Computer Systems I	4	WRD 204 Technical Writing	4
Liberal Studies	4	Liberal Studies	4
Liberal Studies	4	CSC 394 Software Projects	4
	16		16

**Total: 96 Quarter Hours**

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### Notes:

1. This agreement will be honored for four years starting from and including the student's start year at Triton in 2008-2009.
2. The following DePaul course equivalencies are found in the AAS: ACC 101, ACC 102, CMN 220, CSC 200, CSC 351, CSC 261, CSC 262, CSC 393, IS 372, IT 130, IT 215, IT 230, IT 240, IT 263, MAT 140, TDC 311, WRD 103 and one Liberal Studies course.
3. The following courses are waived for Triton transfers who have completed the enclosed AAS in CIS: CSC 241, 242, and 309.
4. Fifty percent of the major courses must be completed at DePaul; this agreement reflects that policy.
5. The Bridge courses are listed in addition to the AAS degree. Triton students should take 4 more General Education courses (referred to as Liberal Studies at DePaul) and Math 131, Calculus 1, during bridge semesters at Triton. However, if students wish to take the additional GE courses after they transfer to DePaul, they may do so, understanding that it will take more than 2 years to finish the degree program.
6. To find Triton courses that apply to the following Liberal Studies domains check the Transfer Course lists in the transfer center in the DePaul web site:  
<http://www.depaul.edu/transfercourses>.

Writing	WRD 103 and WRD 104
Sophomore Year	Multiculturalism in the US ISP 200
Jr Yr Experiential Learning	Required

### Learning Domains

Arts and Literature (AL)	3 courses required,
Philosophical Inquiry (PI)	2 courses required: CSC 208 is one of the required courses.
Religious Dimensions (RD)	2 courses: 1 Religious and Ethical questions; 1 Religious Traditions; 1 of the PI or RD courses must be an ethics course, PHL/REL/MGT 228 recommended
Scientific Inquiry (SI)	1 course: SI Lab or SI Quantitative-Lab required
Self, Society, & The Modern World (MW)	3 courses required CSC 223, IS 208, or IT 201 recommended)
Understanding the Past (UP)	2 courses required each from a different category
Two additional Liberal Studies courses, each from different learning domains.	
Must complete a total of 20 liberal studies courses including the capstone course.	