

## **Articulation 3 of 7**

### **St. Joseph's College, NY and ASA College, NY**

#### ***Computer Information Technology***

This document represents a transfer credit articulation agreement between St. Joseph's College, NY, with campuses in Brooklyn and Patchogue, LI, and ASA College, NY, for transfer students pursuing a Bachelor of Science degree in Computer Information Technology.

This will serve as a guiding document for use by students, faculty and administrators of both institutions in clarifying the relationship between the schools and in confirming the way course credits transfer from ASA College to St. Joseph's College, NY (SJC). The attached Transfer Articulation Course Equivalencies documents are the result of dialogue between the St. Joseph's College and ASA College Academic Deans and Department Chairpersons. Each course equivalent has been reviewed by both parties for content and transferability. The agreement may be modified, including adding or deleting course equivalencies, upon agreement of both parties.

ASA College graduates are eligible to receive up to 64 semester hours of transfer credits when transferring to St. Joseph's College, NY. Credit will only be awarded for courses completed with a grade of C or better. The overall grade point average must meet current St. Joseph's College admissions requirements as stated in the SJC Catalogue, as well as program-specific requirements.

The attached articulation agreement serves as a guideline for the maximum number of transfer credits from ASA College to St. Joseph's. Students transferring to St. Joseph's College from ASA College with the maximum number of credits will be given the opportunity to complete the requirements for a Bachelor of Science within four additional semesters of full-time study. SJC liberal arts requirements, distribution requirements, and course equivalencies for transfer credit purposes are contained within this document.

The Bachelor of Science degree in Computer Information Technology is designed to prepare students to apply information technology within organizational contexts. Specifically, the program will focus on the development of technology infrastructures and systems and the use of these to acquire, deploy and manage information. Candidates for the degree must complete 40 credits in which an average of C or better must be maintained: 30 in Computer Science, 4 in Mathematics, and 6 elective credits in Computer Science, Business Administration or Accounting. Electives are chosen with departmental approval. This curriculum is in compliance with the ACM Curriculum guidelines.

120 credits are required for to graduate with a B.S. in Computer Information Technology from St. Joseph's College. 60 Liberal Arts credits are required for the B.S. degree. The Department reserves the right to require an additional English writing course(s) at any point in a student's program if deemed appropriate based on the student's writing level. Experiential Learning (evaluated through "Prior Learning Assessment") often qualifies for college credit.

## **COMPUTER INFORMATION TECHNOLOGY, B.S. (SJC BROOKLYN)**

### **Prerequisite Computer Courses/Experience: 6 Credits**

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- [COM 140 - Computer Applications I](#) 3 credits. *or* *Equivalent knowledge/experience (ASA CIS 100 - Fundamentals of Computer Technology)*
- [COM 150 - Introduction to Computer Programming](#) 3 credits *or* *Previous programming experience (CIT 100 - Programming Languages Concepts)*

### **Required Computer Courses: 30 Credits**

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- [COM 152 - Computer Programming](#) 3 credits
- [COM 200 - Computer Science: An Overview](#) 3 credits.
- [COM 210 - Algorithms and Data Structures](#) 3 credits.
- [COM 230 - Software Engineering and Methodology](#) 3 credits.
- [COM 240 - Human Computer Interaction](#) 3 credits.
- [COM 249 - Computer Organization and Assembly Language](#) 3 credits
- [COM 288 - Business Systems and Design](#) 3 credits.
- [COM 360 - Computer Communications and Networking](#) 3 credits.
- [COM 380 - Database Systems](#) 3 credits. (CIT 140 - Server-specific Relational Databases)
- [COM 390 - Advanced Application Programming and Database Systems](#) 3 credits.

### **Elective Major Courses: 6 Credits**

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Choose two courses from the following

- [COM 141 - Computer Applications II](#) 3 credits.
- [COM 205 - Multimedia Applications](#) 3 credits
- [COM 220 - Mobile Applications](#) 3 credits.
- [COM 252 - Advanced C++](#) 3 credits.

- [COM 260 - Computer and Information Security](#) 3 credits. (NET 180 - Implementing Network Security I)
- [COM 310 - Operating Systems](#) 3 credits.
- [COM 330 - Computer Graphics](#) 3 credits.
- [COM 361 - Introduction to Cisco Networking](#) 3 credits. (NET 170 - Management Of Cisco Networking Environments)
- [COM 370 - Advanced Computer Programming](#) 3 credits
- [COM 498 - Internship in Computer Information Technology](#) 2 or 3 credits.

**Additional Required Courses: 20 Credits**

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- [MAT 111 - College Algebra](#) 3 credits. **or**
- [MAT 113 - Elementary Functions: Precalculus](#) 3 credits. **or**
- Equivalent
  
- [MAT 203 - Mathematical Foundations of Computer Science](#) 4 credits.
  
- [GS 400 - Adults in Transition](#) 3 credits. **or**
- [GS 404 - Administration and the Liberal Arts](#) 3 credits.
  
- [GS 401 - Problem Solving for Professionals](#) 3 credits.
- [GS 402 - Critical Thinking for Professionals](#) 3 credits.
- [ENG 103 - Writing for Effective Communication](#) 3 credits.
- [LIB 100 - Library Research Strategies](#) 1 credit. (LIB 100 - Information Literacy)

**Liberal Arts Electives: 28–31 Credits**

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**Other Electives: 30-33 Credits**

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**Total: 120 Credits (Effective students entering Fall 2015)**