



## SYRACUSE UNIVERSITY

### **Introduction**

This articulation agreement is developed as a tool for advisement to assist in the transferability of comparable coursework from Jamestown Community College to parallel programs of study at Syracuse University.

### **Objectives**

Syracuse University and Jamestown Community College enter into this agreement with the following objectives:

1. To attract qualified community college students into Syracuse University.
2. To facilitate an efficient and smooth transition into Syracuse University from Jamestown Community College programs.
3. To provide a path of coursework at Jamestown Community College that is applicable to programs of study at Syracuse University.
4. To encourage academic coordination, faculty and administrative interactions, and student engagement.

### **Terms of Agreement**

The establishment of this agreement, the two academic institutions agree to the following terms:

1. Jamestown Community College agrees to designate faculty and academic/transfer advisors to facilitate the advisement for students interested in transferring to Syracuse University.
2. Students who graduate from Jamestown Community College with an associate's degree and a minimum cumulative Jamestown Community College grade point average of 2.8 are found academically qualified for the School of Information Studies. The final admission decision is made by the office of admission of Syracuse University.
3. Syracuse University agrees to accept the attached list of coursework, provided that achievement is no less than a grade of C in each course. The maximum number of transferable credit is 66 credit hours. Students who transfer 60 or more credit hours to Syracuse University receive junior standing.
4. Syracuse University agrees to accept into Syracuse University, and into the School of Information Studies Bachelor of Science (B.S.) Information Management and Technology degree program, qualified candidates who meet the admissions standards of Syracuse University and of the desired program of study at the time of admission. Admission to SU is contingent upon a continued record of good citizenship and character. Admissibility into the program of study will be determined by the Undergraduate Admissions Office.

5. Students who graduate from Jamestown Community College having earned a minimum grade of C in at least 54 credit hours of the Jamestown Community College courses listed in the appendix of this agreement are guaranteed the opportunity to earn the B.S. Information Management and Technology degree with four semesters of normal coursework at Syracuse University. As indicated in the appendix, the School of Information Studies will accept four information technology-related courses in transfer from Jamestown Community College toward meeting specific requirements for the bachelor's degree: CSC 1530 Web Publishing (equivalent to IST 263 Design and Management of Internet Services), CSC 1570 Programming Applications and Concepts (IST 256 Introduction to Application Programming), CSC 1760 Microcomputer Applications II (IST 195 Information Technologies), and CSC 2510 Introduction to Networks (IST 233 Introduction to Computer Networking). Upper level courses are taken at Syracuse University. Syracuse University will accept in transfer only courses with a grade of C or above.

**APPENDIX - COURSE EQUIVALENCIES FOR B.S. INFORMATION MANAGEMENT & TECHNOLOGY**

<u>Syracuse University Course</u>	<u>Credit Hours</u>	<u>JCC Equivalent Course</u>	<u>Credit Hours</u>
<b>A. Primary Core (24 Credit Hours)</b>			
IST 195 Information Technologies	3	CSC 1760 Microcomputer Applications II	3
<u>Technology Courses</u>			
IST 233 Introduction to Computer Networking	3	CSC 2510 Introduction to Networks	3
IST 346 Operating Systems Administration			
IST 359 Introduction to Database Management Systems			
<u>Management Courses</u>			
IST 335 Introduction to Information-Based Organizations			
IST 352 Introduction to Analysis of Organizational Systems			
IST 445 Managing Information Systems Projects			
IST 446 Professional Issues in Information Management and Technology			
<b>B. Information Management and Technology Electives (15 Credit Hours)</b>			
<u>Information Security</u>			
Required:	IST 323 Introduction to Information Security		
Recommended:	IST 400 Database Security		
	IST 425 Risk Management		
	IST 429 Organizational Information Security		
	IST 452 Advanced Computer Networking		
	IST 522 Applied Information Security		
<u>Project Management</u>			
Required:	IST 325 Information Management Consultation		

Recommended: IST 322 Information Resources Planning

IST 419 Applied Economics for Information Managers

IST 422 Acquiring, Procuring, and Financial Information Technology

IST 425 Risk Management

IST 456 Information Policies and Decision Making

### Network and Systems Management

Required: IST 452 Advanced Networking

Recommended: IST 400 Open Source OS and Applications

IST 434 Global Computing Challenges

IST 439 Enterprise Technologies

IST 448 Broadband Wireless Networks

IST 453 Telecommunications Regulations

IST 475 Telecommunications Projects

### Web Design and Management

Required: IST 263 Design/Management of Internet Services 3 CSC 1530 Web Publishing 3

Recommended: IST 323 Introduction to Information Security

IST 449 Human Computer Interaction

IST 479 Electronic Commerce Technologies

IST 500 Photoshop and Flash

IST 500 Social Media

IST 553 Information Architecture of Internet Services

### Database Management

Required: IST 469 Advanced Database Management Systems

Recommended: IST 263 Design and Management of Internet Services

IST 400 Database Security

IST 432 Enterprise Systems

IST 434 Global Computing Challenges

IST 479 Electronic Commerce Technologies

IST 553 Information Architecture of Internet Services

General School of Information Studies Electives (6 Credit Hours)

IST 215 Data Collection, Analysis, and Management

IST 300 Information Studies Skills

IST 337 Information Retrieval Skills

IST 341 Observations and Analysis of Information User Behavior

IST 402 Digital Forensics

IST 410 Special Topics in Information Research and Services

IST 420 Special Topics in Information Management and Consulting

IST 422 Acquiring, Procuring, and Financing Information Technology

IST 426 Business Information Sources and Strategic Intelligence

IST 430 Special Topics in Information Systems and Telecommunications

IST 440 Special Topics in Pre-Professional Studies

IST 443 Critique of the Information Age

IST 444 Information Reporting and Presentation

IST 471 Internship in Information Management and Technology

IST 472 Cooperative Education in Information Management and Technology

IST 486 Social Media in the Enterprise

IST 490 Independent Study

IST 499 Honors Thesis/Project (Honors students only)

*-or- any course from the preceding lists*

<u>Syracuse University Course</u>	<u>Credit Hours</u>	<u>JCC Equivalent Course</u>	<u>Credit Hours</u>
<b>Arts &amp; Sciences Electives</b>			
Social Sciences Electives	9	Social Sciences Courses (see JCC catalog)	9
Humanities Electives	9	Humanities Courses (see JCCcatalog)	9
Natural Sciences and Mathematics Electives	9	Mathematics/Sciences Courses (see JCC catalog)	9
Any other courses from the above electives	9	Any other courses from the above three categories	9
<b>Skills Electives</b>			
Language Skills Requirement	6-8	Sequence in Foreign language: SPA 1520/2510 <b>or</b> FRE 1520/2510	6-8
<b>OR</b> Quantitative Skills Requirement		<b>OR</b> Two courses from among the following: First Course: MAT 1500/1540/1590/1600/1630/1710 Second Course: MAT 1630/1640/1710/1720	
<b>Communication Skills</b>			
One course from each group:			
WRT 105 Writing Studio I (or WRT 109)	3	ENG 1510 English Composition I <sup>1</sup>	3

WRT 205 Writing Studio II (or WRT 209 3  
or other with permission of advisor)

ENG 1530 English Composition II 3

WRT 303 or WRT 307

CRS 325 or IST 444

**Programming Skills**

IST 256 Application Programming for 3  
Information Systems  
(or CPS 196 or CPS 333  
or other approved)

CSC 1570 Programming Concepts and 3  
Applications

**General Electives** 21-24

General Electives (any college-level courses) 21-24

<sup>1</sup>Students who place out of ENG 1510 English Composition I, and who transfer ENG 1530 English Composition II to Syracuse University, are not required to take WRT 105 Writing Studio I at Syracuse University.