Program Articulation Agreement between
SUNY Adirondack
and
The College of Saint Rose

1. Purpose

This agreement between SUNY Adirondack and The College of Saint Rose provides the terms and conditions for students of SUNY Adirondack who have an Associate of Science degree in Information Technology: Information Security and seek admission by transfer to the Bachelor of Science degree in Cybersecurity. Both parties will use their best efforts to minimize loss of credits and duplication of coursework.

2. Admission

Transfer students from SUNY Adirondack who have completed an Associate of Science degree and who have a cumulative grade point average of 2.5 are generally accepted. The College reserves the right to evaluate transfer student applicants who do not meet the 2.5 criteria on an individual basis. Students transferring a minimum of 60 credits receive junior status.

3. Transfer of Credit

In evaluating the credentials of transfer candidates, the College tries to give maximum credit for college work completed at other institutions. Credit is given for all applicable courses in which a student achieves a grade of C- or above, with the exception of education courses which require a grade of C+ or above. Credits transfer, but grades do not. A minimum of 122 credits are required for a Bachelor’s degree. A maximum of 70 credits from other institutions will be accepted for transfer and a minimum of 32 credits must be completed at The College of Saint Rose.

4. Scholarships

The College of Saint Rose is committed to enrolling students with superior ability and proven achievement. To support our commitment, we award guaranteed academic transfer scholarships for two years to students who have achieved impressive grade point averages for all previous college work.

<table>
<thead>
<tr>
<th>GPA</th>
<th>Transfer Scholarship</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.81 - 4.00</td>
<td>$14,500/year</td>
</tr>
<tr>
<td>3.50 - 3.80</td>
<td>$14,000/year</td>
</tr>
<tr>
<td>3.21 - 3.49</td>
<td>$9,500/year</td>
</tr>
<tr>
<td>3.00 - 3.20</td>
<td>$9,000/year</td>
</tr>
<tr>
<td>2.99 and below</td>
<td>$8,500/year</td>
</tr>
</tbody>
</table>

In addition, The College of Saint Rose offers a $1,000 a year Phi Theta Kappa Scholarship for transfer students who are members of this honor society. Scholarship amounts are subject to change.

5. Terms of Agreement

This agreement becomes effective on the date of signature by the representatives of the institutions contained within the agreement. The terms of this agreement may be modified or terminated at any time upon mutual consent of both institutions with appropriate notification. In the event it is decided to modify this agreement, commitments made to individual students already in the program will continue in effect in the terms applicable at the time the student enrolled in the program.
SUNY ADIRONDACK: INFORMATION TECHNOLOGY: INFORMATION SECURITY A.S.
THE COLLEGE OF SAINT ROSE: CYBERSECURITY B.S.

DEGREE REQUIREMENTS

SAINT ROSE REQUIREMENTS:

I. LIBERAL EDUCATION REQUIREMENTS (41 cr.):

L01: Comm. through Reading, Writing, Speaking & Listening (4 cr.)
ENG 105 Expository Writing, Oral Communication & Research Techniques

L02: Study of Language (3 cr.)
Foreign Language, American Sign Language, Linguistics,
Or Philosophy of Language

L03: Historical Knowledge, Analysis, and Perspective (3 cr.)
History

L04: Artistic Knowledge and Interpretation: Literature (4 cr.)
Literature

L05: Artistic Knowledge and Interpretation (3 cr.)
Art, Music, Communications, and Drama

L06: Philosophical, Spiritual, or Theological Inquiry (3 cr.)
Philosophy or Religious Studies

L07: Mathematical Reasoning (3 cr.)
Mathematics

L08: Information Technology (3 cr.)
Computers

L09: Scientific Knowledge and Inquiry (4 cr.)
Laboratory Science (Biology, Chemistry, Physics or Earth Science)

L10: Behavioral and Social Sciences 1 (3 cr.)
Economics, Political Science or Business

L11: Behavioral and Social Sciences 2 (3 cr.)
Psychology, Sociology, and Social Work

L12: Wellness and Physical Fitness (2 cr.)
Physical Education

L13: Further Disciplinary Study (3 cr.)
A second liberal education course in a same discipline as a previously taken course.

II. GENERAL ELECTIVES:

ADIRONDACK EQUIVALENCIES:

ENG 101 AND SPH 111 (6) NOTE 1

Foreign Language Selection (3)

American History Selection (3)

ENG 108- Writing/Literature (3)

Fine Arts Selection (3)

Philosophy Selection (3)

Math Selection (3) NOTE 2

CIS 143- Introduction to Programming (3)

PHY 111- General Physics I (4)

BUS 102- Principles of Management (3)

PSY 101- General Psychology (3)

Physical Education Selection (2)

Western Civ. History Selection (3)

CIS 243- Data Structures & Objs C++ (3)
CIS 250- Information Tech. Seminar (3)

MINIMUM TOTAL HOURS REQUIRED: 122

TOTAL CREDITS TRANSFERRED: 70
III. MAJOR REQUIREMENTS (61cr.):

**Major in Cybersecurity:**

CSC 202 Introduction to Programming (4)  
CSC 317 Forensic Computing (3)  
CSC 318 Applications for Cyber Security (3)  
CSC 321 Database Management (4)  
CSC 325 Practical Cyber Security (3)  
CSC 338 System Administration (3)  
CSC 344 Computer Networks (3)  
CSC 345 Operating System Fundamentals (3)  
CSC 468 Cloud Computing & Virtual Tech (3)  
CSC 470 Cyber Security Case Study: Insider Threat (3)  
CSC 473 Cyber Security Case Study: Internet of Things (3)  
CSC xxx CSC Elective (3)  
MAT 184 Elementary Statistics (4)  
CJS 440 Cyber Law and Criminal Investigation (4)  
CJS xxx CJS Elective (3)  
PSY 111 Foundations of Psychology 2 (3)  
PSY 376 Industrial/Organizational Psychology (3)  
BUS 246 Organizational Behavior (3)  
BUS 362 Human Resource Management (3)  

**Adirondack Course Equivalencies:**

CIS 143- Introduction to Programming (3)  
CIS 135 Networking Security I (3)  
CIS 136- IT Security Essentials (3)  
CIS 237- Database Systems (3)  
CIS 211- Information Security (3)  
CIS 232- Server Administration (3)  
CIS 131- Introduction to Networking (3)  
CIS 144- Intermediate Prog. in Windows (3)  
MAT 127- Introductory Statistics (3)  
CRJ Selection (3)  
PSY 101- General Psychology (3)  
BUS 102- Principles of Management (3)  

**Notes for SUNY Adirondack - The College of Saint Rose Cybersecurity Agreement:**

1) Students should take SPH 111 which combines with ENG 101 to come in as ENG 105 (4 credits) and GEL 001 (2 credits of general elective) to complete the L01 requirement.
2) Students are encouraged to take MAT 109 Survey of Math, or MAT 121 Pre-calculus: Algebra, to meet the Mathematics Liberal Education and Major requirement.
3) 70 is the maximum number of credits allowed for transfer into The College of Saint Rose. All possible electives are listed in this agreement and the student, along with his/her advisor, should select the most appropriate courses to complete his/her degree while not unnecessarily exceeding the number of credits required for the A.S. degree.
4) A letter grade of C- or higher in each course is required for transfer into The College of Saint Rose. Any completed coursework with a grade lower than a C- will not be transferred.
5) This document is valid until the time which either party changes their respective program. At which point review/revision will be required.
6) The College of Saint Rose Transfer Equivalency Database and/or catalog should be consulted to ensure that selected coursework will fulfill the appropriate Liberal Education Requirements as designated by the “L0” next to the course credits.
7) The Transfer Equivalency Database is the most current tool to utilize when determining the transferability of credits into The College of Saint Rose. The Transfer Equivalency Database can be accessed by visiting the link below:

[http://www.strose.edu/officesandresources/registrar/transfer/transfer equivalency](http://www.strose.edu/officesandresources/registrar/transfer/transfer equivalency)
Contacts:

The College of Saint Rose:
Rachael French- Associate Director:
Transfer Enrollment & Articulations
(518) 485-3387

SIGNATURES:

The College of Saint Rose

John Avitabile
Department Chair of Computer Science

Ian MacDonald
Interim Dean, School of Math and Science

SUNY Adirondack:
Doug Gaulin, Transfer Counselor
Transfer Services
(518) 743-2253

SUNY Adirondack

Luke Musto
Department Chair, Math, Engineering and Computer Science

John E. Jablonski
Vice President for Academic Affairs

Steven Ralston
Provost/Vice President for Academic Affairs

November 2018
**PLEASE KNOW:** This is an **EXAMPLE** of a plan that a student may follow when transferring from SUNY Adirondack to The College of Saint Rose for a BS in Cybersecurity. All students must work with advisors at both institutions to ensure satisfactory progress toward the completion of these programs.

### Year 1 (SUNY Adirondack)

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 2</th>
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<tbody>
<tr>
<td>HRD 100, HRD 100A, or HRD 100B (X)*</td>
<td>PHY 111: General Physics I (4)</td>
</tr>
<tr>
<td>ENG 101: Intro to College Writing (3)</td>
<td>ENG 108: Writing in &amp; about Literature (3)</td>
</tr>
<tr>
<td>MAT 127: Intro Stats with Probability (3)</td>
<td>MAT 109 or MAT 121 (3)</td>
</tr>
<tr>
<td>CIS 131: Introduction to Networking (3)</td>
<td>American History: 101/102/103 (3)</td>
</tr>
<tr>
<td>CIS 143: Introduction to Programming (3)</td>
<td>CIS 144: Intermediate Prog. In Windows (4)</td>
</tr>
<tr>
<td>Health &amp; Wellness Selection (1)</td>
<td>Health &amp; Wellness Selection (1)</td>
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<td><strong>TOTAL: 13</strong></td>
<td><strong>TOTAL: 18 sh</strong></td>
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### Year 2 (SUNY Adirondack)

<table>
<thead>
<tr>
<th>Semester 3</th>
<th>Semester 4</th>
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</thead>
<tbody>
<tr>
<td>PSY 101: General Psychology (3)</td>
<td>Western Civ. HIS 103/104 (3)</td>
</tr>
<tr>
<td>CIS 211: Information Security (3)</td>
<td>CS Selection: CIS 232/243/250 (3)</td>
</tr>
<tr>
<td>CIS 136: IT Security Essentials (3)</td>
<td>SPE 111: Intro to Public Speaking (3)</td>
</tr>
<tr>
<td>Fine Arts Selection (3)</td>
<td>General Elective (3)</td>
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<td><strong>TOTAL: 15 sh</strong></td>
<td><strong>TOTAL: 15 sh</strong></td>
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### Year 3 (The College of Saint Rose)

<table>
<thead>
<tr>
<th>Semester 5</th>
<th>Semester 6</th>
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<tbody>
<tr>
<td>CSC 345: Operating System Fundamentals (3)</td>
<td>Philosophy or Religious Studies Selection (3)</td>
</tr>
<tr>
<td>BUS 362: Human Resource Management (3)</td>
<td>CJS xxx: Criminal Justice Selection (3)</td>
</tr>
<tr>
<td>Study of Language Selection (3)</td>
<td>BUS 246: Organizational Behavior (3)</td>
</tr>
<tr>
<td>General Elective (3)</td>
<td>General Elective (3)</td>
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<tr>
<td>General Elective (3)</td>
<td>General Elective (3)</td>
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<tr>
<td><strong>TOTAL: 15 sh</strong></td>
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### Year 4 (The College of Saint Rose)

<table>
<thead>
<tr>
<th>Semester 7</th>
<th>Semester 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSC 468: Cloud Computing &amp; Virtual Tech (3)</td>
<td>CSC 473: Cyber Case Study: Internet of Things (3)</td>
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<tr>
<td>CSC 470: Cyber Case Study: Insider Threat (3)</td>
<td>PSYC 376: Industrial/Org Psychology (3)</td>
</tr>
<tr>
<td>CJS 440: Cyber Law &amp; Criminal Investigations (4)</td>
<td>General Elective (3)</td>
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<tr>
<td>General Elective (3)</td>
<td>General Elective (3)</td>
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<tr>
<td>General Elective (3)</td>
<td>General Elective (3)</td>
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<tr>
<td><strong>TOTAL: 16 sh</strong></td>
<td><strong>TOTAL: 15 sh</strong></td>
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</tbody>
</table>

**TOTAL CREDITS: 122 sh**

**NOTES**

* HRD Selection is required for your AS degree at SUNY Adirondack, but that credit will not transfer to Saint Rose.

Some courses are offered Fall or Spring only, work with an advisor to ensure proper course sequencing.