Program Articulation Agreement between
Onondaga Community College
and
The College of Saint Rose

1. **Purpose**
   This agreement between Onondaga Community College and The College of Saint Rose provides the terms and conditions for students of Onondaga Community College who have an Associate of Science degree in Computer Forensics 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 Onondaga Community College 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>
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<tbody>
<tr>
<td>3.81 - 4.00</td>
<td>$14,500/year</td>
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<tr>
<td>3.50 - 3.80</td>
<td>$14,000/year</td>
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<tr>
<td>3.21 - 3.49</td>
<td>$9,500/year</td>
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<tr>
<td>3.00 - 3.20</td>
<td>$9,000/year</td>
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<tr>
<td>2.99 and below</td>
<td>$8,500/year</td>
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</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.
ONONDAGA COUNTY COMMUNITY COLLEGE: COMPUTER FORENSICS 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:

ONONDAGA EQUIVALENCIES:

ENG 103 Fresh. Comp & Lit I (3) NOTE 1

Foreign Language Selection (3) NOTE 2

History Selection (3) NOTE 2

ENG 104 Fresh. Comp & Lit II (3) NOTE 1

COM 220 Interpersonal Communication (3)

Philosophy or Religious Studies Selec. (3) NOTE 2

This will be completed at Saint Rose

CIS 130 Found. of the Internet (3)

Lab Science Selection (3-4)

This will be completed at Saint Rose

PSY 103 General Psychology (3)

Physical Education Selection (3) NOTE 2

Lab Science Selection (3-4)

SOC 103 Introductory Sociology (3)
CRJ 215 Criminal Law (3)
CSC 250 Server Administration (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)

Onondaga Course Equivalencies:

CSC 110 Program Design & Develop (4)
CFS 140 Intro to Computer Forensics (3)
CIS 170 Network Fundamentals (3)
CSC 211 Computer System Organization (4)
MAT 118 Exploring Statistics (3)
CRJ/CFS 232 Cybercrime (3)
CRJ 101 Justice System (3)
PSY 103 General Psychology (3)

Notes for Onondaga County Community College - The College of Saint Rose Cybersecurity Agreement:

1) Students should take ENG 103 which combines with ENG 104 to come in as ENG 104 and LIT 001. Students will still need to complete ENG 274 (2) the Oral Skills component of the L01 when they transfer to Saint Rose, but part of the L01 and all of the L04 will be satisfied.

2) 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.

3) 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.

4) This document is valid until the time which either party changes their respective program. At which point review/revision will be required.

5) 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 “L.0” next to the course credits.

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

SIGNATURES:
The College of Saint Rose

[Signature]
John Avabile
Department Chair of Computer Science

[Signature]
Ian MacDonald
Interim Dean, School of Math and Science

[Signature]
Steven Ralston
Provost/Vice President for Academic Affairs

Onondaga County Community College:
Mike Ramos
Coordinator of Transfer Services
(315) 498-2464

Onondaga County Community College

[Signature]
Julie White- Sr. Vice President for
Student Engagement & Learning Support

[Signature]
Dr. Daria Willis
Provost & Sr. Vice President of Academic Affairs

[Signature]
Casey Crabill
President

October 2018
Onondaga Community College: Computer Forensics A.S.
The College of Saint Rose: Cybersecurity B.S.

**PLEASE KNOW:** This is an **EXAMPLE** of a plan that a student may follow when transferring from Onondaga Community College 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.

<table>
<thead>
<tr>
<th>Year 1 (Onondaga Community College)</th>
<th>Semester 1</th>
<th>Semester 2</th>
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<tbody>
<tr>
<td>ENG 103: Freshman Comp &amp; Lit I (3)</td>
<td>ENG 104: Freshman Comp &amp; Lit II (3)</td>
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<tr>
<td>PSY 103: General Psychology (3)</td>
<td>SOC 103: Introductory Sociology (3)</td>
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</tr>
<tr>
<td>MAT 118: Exploring Statistics (3) OR</td>
<td>CSC 110: Program Design &amp; Development (4)</td>
<td></td>
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<tr>
<td>MAT 143: Pre-Calculus w/Trig (4)</td>
<td>CIS 170: Network Fundamentals (3)</td>
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<tr>
<td>CRJ 101: Justice System (3)</td>
<td>CFS 140: Intro to Computer Forensics (3)</td>
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<tr>
<td>CFS/CIS 130: Found of the Internet (3)</td>
<td><strong>TOTAL: 16 sh</strong></td>
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<td><strong>TOTAL: 15-16 sh</strong></td>
<td><strong>TOTAL: 16 sh</strong></td>
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<tr>
<th>Year 2 (Onondaga Community College)</th>
<th>Semester 3</th>
<th>Semester 4</th>
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<tbody>
<tr>
<td>CFS/CRJ 232: Cybercrime (3)</td>
<td>CSC 211: Computer System Organization (4)</td>
<td></td>
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<tr>
<td>COM 220: Interpersonal Communication (3)</td>
<td>CRJ 215: Criminal Law (3)</td>
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<tr>
<td>CSC 250: Server Administration (3)</td>
<td>Western or Other World Civ. Selection (3)</td>
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<tr>
<td>Science w/lab Selection (4)</td>
<td>Science w/lab Selection (4)</td>
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<tr>
<td>Foreign Language Selection (3)</td>
<td><strong>TOTAL: 14 sh</strong></td>
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<td><strong>TOTAL: 16 sh</strong></td>
<td><strong>TOTAL: 16 sh</strong></td>
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<thead>
<tr>
<th>Year 3 (The College of Saint Rose)</th>
<th>Semester 5</th>
<th>Semester 6</th>
</tr>
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<tbody>
<tr>
<td>CSC 345: Operating System Fundamentals (3)</td>
<td>CSC 338: Systems Administration (3)</td>
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<tr>
<td>BUS 246: Organizational Behavior (3)</td>
<td>CSC 325: Practical Cyber Security (3)</td>
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<tr>
<td>Mathematics Selection (3) *</td>
<td>PSYC 376: Industrial/Org Psychology (3)</td>
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<tr>
<td>ENG 274: Performance Topics (2)</td>
<td>Philosophy or Religious Studies Selection (3)</td>
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<tr>
<td>Physical Education Selection (2)</td>
<td>General Elective (3)</td>
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<tr>
<td>General Elective (3)</td>
<td><strong>TOTAL: 15 sh</strong></td>
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<td><strong>TOTAL: 16 sh</strong></td>
<td><strong>TOTAL: 16 sh</strong></td>
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<tr>
<th>Year 4 (The College of Saint Rose)</th>
<th>Semester 7</th>
<th>Semester 8</th>
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<tbody>
<tr>
<td>CSC 468: Cloud Computing &amp; Virtual Tech (3)</td>
<td>CSC 318: Applications for Cybersecurity (3)</td>
<td></td>
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<tr>
<td>CSC 470: Cyber Case Study: Insider Threat (3)</td>
<td>CSC 473: Cyber Case Study: Internet of Things (3)</td>
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<tr>
<td>CSC 321: Database Management (4)</td>
<td>BUS 362: Human Resource Management (3)</td>
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<tr>
<td>General Elective (3)</td>
<td>General Elective (3)</td>
<td></td>
</tr>
<tr>
<td>General Elective (3)</td>
<td><strong>TOTAL: 14-15 sh</strong></td>
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<tr>
<td><strong>TOTAL: 16 sh</strong></td>
<td><strong>TOTAL: 16 sh</strong></td>
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**TOTAL CREDITS: 122 sh**

**NOTES**

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

* If Statistics was completed at OCC, Math Placement test will be required to determine the best course for this requirement to be satisfied, otherwise MAT 184: Elementary Statistics will be taken at Saint Rose.

** General Elective in last semester only needs to be 2 credits to reach 122 sh overall, but a 3 credit class will also satisfy this requirement.