Program Articulation Agreement between
Hudson Valley Community College
and
The College of Saint Rose

Purpose

This agreement between Hudson Valley Community College and The College of Saint Rose provides the terms and conditions for students of Hudson Valley Community College who have an Associate of Science degree in Cybersecurity 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.

Signatures

The College of Saint Rose

Carolyn J. Stefanco, Ph.D.
President

Steven Ralston, Ph.D.
Provost/Vice President for Academic Affairs

Hudson Valley Community College

Roger A. Ramsammy, Ph.D.
President

MaryAnn Janosik, Ph.D.
Interim Vice President for Academic Affairs
Program Articulation Agreement between
Hudson Valley Community College
and
The College of Saint Rose

1. Purpose
This agreement between Hudson Valley Community College and The College of Saint Rose provides the terms and conditions for students of Hudson Valley Community College who have an Associate of Science degree in Cybersecurity 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 Hudson Valley 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>
</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.
Hudson Valley Community College: Cybersecurity 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:

Hudson Valley Equivalencies:

ENGL 101 AND ENGL 125 (6) NOTE 1
Foreign Language Elective (3)

History Elective (3)

ENGL 104 English Comp II: Writ Lit (3)
Fine Arts Elective (3)

Math Elective (3) NOTE 2
CISS 100 Intro Computing & Info Sci. (3)
CRJS 245 Forensic Science I (3)

ACTG 110 Financial Accounting (4)

SOCL 100 Sociology (3)

CRJS 101 Intro to Criminal Justice (3)

Minimum Total Hours Required: 122
Total Credits Transferred: 62
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 318 Applications for Cyber Security (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)

Hudson Valley Course Equivalencies:
CISS 110 Programming & Logic I (3)
CISS 250 Database Management Systems (4)
CISS 125 Computer and Information Security (3)
CISS 120 Intro to Data Communications (3)

MATH 135 Elementary Statistics (4)
CRJS 244 Digital Forensics (3)
PSYC 100 General Psychology (3)
BADM 207 Organizational Leadership (3)

Notes for Hudson Valley Community College – The College of Saint Rose Cybersecurity Agreement:

1) Students should take ENGL 125 which combines with ENGL 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 MATH 150 College Algebra and Trigonometry 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/OFFICE/SANDRESOURCES/REGISTRAR/TRANSFEREQUIVALENCY
Contacts:
The College of Saint Rose:
Rachael French- Associate Director:
Transfer Enrollment & Articulations
(518) 485-3387

Hudson Valley Community College:
James Slavin
Assistant to the Vice President for Academic Affairs
(518) 629-7622

SIGNATURES:
The College of Saint Rose:

John Avitabile, M.S.
Department Chair of Computer Science

Ian MacDonald, Ph. D.
Dean, School of Math and Science

Steven Ralston, Ph. D
Provost/Vice President for Academic Affairs

Hudson Valley Community College:

Ann B. Geisendorfer, J.D.
Department Chairperson- Criminal Justice, Forensic Science & Public Administration, Criminal Justice, Civil & Public Service, & Labor Business Studies

Fabian Vega, Ph. D.
School of Liberal Arts and Sciences

MaryAnn Janosik, Ph. D.
Interim Vice President for Academic Affairs

October 2018
Hudson Valley Community College: Cyber Security 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 HVCC 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 (Hudson Valley Community College)</th>
<th>Year 2 (Hudson Valley Community College)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 2</strong></td>
</tr>
<tr>
<td>FORM 109: College Forum (X) *</td>
<td>CISS 110: Programming &amp; Logic I (4)</td>
</tr>
<tr>
<td>CISS 100: Intro to Computer &amp; Info Syst. (4)</td>
<td>ENGL 104: English Composition II (3)</td>
</tr>
<tr>
<td>CRJS 101: Introduction to Criminal Justice (3)</td>
<td>LA/GE Arts Elective (3)</td>
</tr>
<tr>
<td>ENGL 101: English Composition I (3)</td>
<td>LA/GE American History Elective (3)</td>
</tr>
<tr>
<td>PSYC 100: General Psychology (3)</td>
<td>ENGL 125: Public Speaking (3)</td>
</tr>
<tr>
<td><strong>TOTAL: 13 sh</strong></td>
<td><strong>TOTAL: 16 sh</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year 3 (The College of Saint Rose)</th>
<th>Year 4 (The College of Saint Rose)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 5</strong></td>
<td><strong>Semester 6</strong></td>
</tr>
<tr>
<td>CSC 317: Forensic Computing (3)</td>
<td>CSC 318: Applications for Cybersecurity (3)</td>
</tr>
<tr>
<td>CSC 345: Operating System Fundamentals (3)</td>
<td>CSC 317: Database (4)</td>
</tr>
<tr>
<td>Philosophy or Religious Studies Selection (3)</td>
<td>CSC 338: Systems Administration (3)</td>
</tr>
<tr>
<td>General Elective (3)</td>
<td>CSC Elective (3)</td>
</tr>
<tr>
<td>General Elective (3)</td>
<td>Physical Education Selection (2)</td>
</tr>
<tr>
<td><strong>TOTAL: 15 sh</strong></td>
<td>General Elective (3)</td>
</tr>
</tbody>
</table>

| **TOTAL CREDITS: 122 sh**               |                                    |

**NOTES**

*FORM 109 (1) is required for degree completion at HVCC, but this course is taken Pass/Fail, and does not transfer to The College of Saint Rose.*

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