

**Articulation Agreement between  
Adirondack Community College– AS Computer Science &  
Sage College of Albany – BS Computer Network and Systems Administration**

| <u>ACC Comp Science</u>              |                 | <u>SCA CNS</u>                               |                 |
|--------------------------------------|-----------------|--|-----------------|
| <b>Equivalent Course</b>             | <b>Cr. Hrs.</b> | <b>SCA Major Requirements</b>                | <b>Cr. Hrs.</b> |
| CIS150, Topics in CS                 | 3               | CSI110, Computing Concepts                   | 3               |
| CIS143, Intro C++ Programming        | 3               | CSI 125, Intro to CS I                       | 3               |
| CIS144, Intermediate C++ Programming | 3               | CSI 126, Intro to CS II                      | 3               |
|                                      |                 | CSI 210, Workstation Architecture            | 3               |
| CIS243, Data Structures              | 3               | CSI 236, Data Structures                     | 3               |
|                                      |                 | CSI 241, UNIX                                | 3               |
|                                      |                 | CSI 276, Data Comm & Networking I            | 3               |
|                                      |                 | CSI 285, Data Comm & Networking II           | 3               |
| CIS222, Java (**SeeNote)             | 3               | CSI 312, Java                                | 3               |
|                                      |                 | CSI 320, Web Apps Development II (Server)    | 3               |
| CIS244, Computer Systems             | 3               | CSI 349, Machine Structures                  | 3               |
|                                      |                 | CSI 401, Data Comm & Networking III          | 3               |
|                                      |                 | CSI 421, Adv UNIX for Network Administrators | 3               |
|                                      |                 | CSI 438, Technology and Culture              | 3               |
|                                      |                 | CSI 485, LAN Administration Internship       | 3               |
|                                      |                 | ENG 235, Technical Writing                   | 3               |
| MAT129, Discrete Math                | 3               | MAT 209, Discrete Math                       | 3               |
|                                      |                 |  |                 |
|                                      |                 | <b>LIFE Requirements (General Education)</b> |                 |
| ENG102, Academic Writing             | 3               | HUM 112, Humanities Seminar II               | 3               |
| Humanities Elect                     | 3               | Humanities Elective                          | 3               |
|                                      |                 | Humanities Elective                          | 3               |
| Soc Science (ANT,PSY,SOC)            | 3               | Social Science elective                      | 3               |
| Soc Science Elective                 | 3               | Social Science elective                      | 3               |
| Lab Science                          | 3               | Science Elective                             | 3               |
| Science Elect (EGR106, etc)          | 3               | Science Elective                             | 3               |
|                                      |                 | Math course - Met by MAT209                  | 0               |
|                                      |                 | Technology competency                        | 0               |
|                                      |                 | Interdisciplinary Seminar                    | 3               |
|                                      |                 | Experiential Based Learning - Met by CSI485  | 0               |
|                                      |                 | Capstone course - Met by CSI401              | 0               |
|                                      |                 |  |                 |
|                                      |                 | <u>Additional Electives</u>                  |                 |
| MAT131, Calculus                     | 3               | Liberal Arts and Science elective            | 3               |
| ENG101, Intro College Writing        | 3               | Liberal Arts and Science elective            | 3               |
| American History (HIS103 or HIS104)  | 3               | Liberal Arts and Science elective            | 3               |
| HIS100, HIS101 or HIS102             | 3               | Liberal Arts and Science elective            | 3               |
| Liberal Arts Elect                   | 3               | Liberal Arts and Science elective            | 3               |
| Phys Ed                              | 2               | General elective credits                     | 24              |
| HRD100, HRD100A or HRD110            | 1               |  |                 |
| Electives                            | 3               |  |                 |
| <b>Total</b>                         | <b>60</b>       | <b>Total</b>                                 | <b>120</b>      |
| <b>***NOTE</b>                       |                 |  |                 |
| If CIS131 is taken, it will replace  |                 | CSI276, Data Comm & Networking I             |                 |
| Credit counts will remain the same.  |                 |  |                 |

