

| PROGRAM ARTICULATION DEGREE PLAN                         |  |                  |  |   |  |
|--|--|------------------|--|---|--|
| <b>City Colleges of Chicago</b>                          |  | <b>2019-2020</b> | <b>Southern Illinois University Carbondale</b>                                     |   |  |
| AAS Networking Systems and Technology - Minimum 61 Hours |  |                  | BS Information Systems Technologies (IST) -120 Hours                               |   |  |
|  |  |                  | <b>(UCC) CAPSTONE OPTION - 30 hrs</b>  |   |  |
|  |  | <b>Hrs</b>       |  |   | <b>Hrs</b>   |
|  |  |                  | UNIV 101   | Saluki Success                                  | NA   |
| ENGLISH 101  | Composition I                                | 3                | ENGL 101   | English Composition I                           | T  |
|  |  |                  | ENGL 102   | English Composition II                          | NA   |
|  |  |                  | CMST 101   | Intro to Oral Communication                     | 3  |
| MATH 118   | General Education Math                       | 4                | MATH 101   | Intro to Contemporary Math                      | T  |
| ECON 203, PSYCH 201 -or- SOC 201                         | Current Econ Prob, Gen Psyc -or- Sty Society | 3                | ECON 113, PSYC 102 -or- SOC 108  |   | Econ Soc Issues, Intro Psychology -or- Intro Sociology |
|  |  |                  | SOCIAL SCIENCE   |   |  |
|  |  |                  |  |   | 3  |
| PHIL 105 -or- 107  | Logic -or- Ethics                            | 3                | PHIL 105 -or- 104  | Elementary Logic -or- Ethics                    | T  |
|  |  |                  | HUMANITIES   |   |  |
|  |  |                  |  |   | NA   |
|  | Physical -or- Life Sciences Course           | 3                | PHYSICAL -or- LIFE SCIENCE   | See SIUC Transfer Equivalency Guide             |  |
|  |  |                  | PHYSICAL -or- LIFE SCIENCE   |   |  |
|  |  |                  | FINE ARTS  |   |  |
|  |  |                  |  |   | 3  |
|  |  |                  | HUMAN HEALTH   |   |  |
|  |  |                  |  |   | NA   |
|  |  |                  | MULTICULTURAL  |   |  |
|  |  |                  |  |   | 3  |
|  |  | <b>16</b>        |  |   | <b>15</b>  |
| <b>Program Requirements</b>                              |  |                  | <b>Program Requirements</b>  |   |  |
| Program Electives  |  | 6                |  |   |  |
| CIS 255  | Operating Systems II                         | 3                | <b>Any courses not articulated will be used to satisfy general elective credit</b> |   |  |
| CIS 260  | Computer Info Systems Field Project          | 3                |  |   |  |
| NET TEC 122  | Internetworking II                           | 3                |  |   |  |
| NET TEC 221  | Internetworking III                          | 3                |  |   |  |
| NET TEC 222  | Internetworking IV                           | 3                |  |   |  |
| NET TEC 240  | Operating Systems/Server I                   | 3                |  |   |  |
| BUSINES 111  | Intro to Business                            | 3                | MGMT 170 (elective)  | Intro to Business                               | T  |
| CIS 101  | Computer Science 101                         | 3                | CS 200B (elective)   | Computer Concepts                               | T  |
| CIS 111  | Computer Operations                          | 3                | ISAT 121 (elective)  | Installing & Upgrading Computer Systems         | T  |
| CIS 116  | Operating Systems I                          | 3                | ISAT 125 (elective)  | Optimizing & Troubleshooting Operating Systems  | T  |
| CIS 142 -or- 144 (elective)                              | C-based Program Lang -or- JAVA Prog Lang     | 3                | IST 209  | Intro to Programming                            | T  |
| COMPSFI 102  | Information Security Fundamentals            | 3                | ISAT 216   | Information Security Fundamentals               | T  |
| NET TEC 121  | Internetworking I                            | 3                | ISAT 224   | Network Fundamentals                            | T  |
|  |  | <b>45</b>        |  |   |  |
|  |  |                  | IST 314  | Ethical and Legal Issues in IT                  | 3  |
|  |  |                  | IST 334  | Database Design and Processing                  | 3  |
|  |  |                  | IST 336  | Web-based Applications in Information Systems   | 3  |
|  |  |                  | IST 370  | Database Programming with SQL                   | 3  |
|  |  |                  | IST 404  | Information Technology Project Management       | 3  |
|  |  |                  | IST 412  | Info Systems: Analysis, Design & Implementation | 3  |
|  |  |                  | ISAT 365   | Data Applications and Interpretation            | 3  |
|  |  |                  | ISAT 366   | Applications of Technical Writing               | 3  |
|  |  |                  | ISAT 419   | Occupational Internship                         | 4  |
|  |  |                  | 300/400 Major Electives  | 15 hours at 300/400 level                       | 33   |
|  |  |                  |  |   | <b>61</b>  |
| <b>Total semester hrs completed with AAS degree:</b>     |  | <b>61</b>        | <b>Total semester hrs completed with BS degree:</b>                                |   | <b>76</b>  |
|  |  |                  | <b>Total hrs to BS degree:</b>   |   | <b>137</b>   |