

**Herkimer County Community College A.A.S. Computer Network Technician
to Excelsior College BS Information Technology**
Revision: February 2017

This program plan outlines how students can transfer from the **Herkimer County Community College A.A.S. Computer Network Technician** program to the Excelsior College **BS Information Technology** program. Upon completion of the **A.A.S. Computer Network Technician**, the following credits will apply for students enrolling in the **BS Information Technology** program.

| Herkimer County Community College Credits | Semester Hours | Excelsior College Requirements | Semester Hours |
|---|-----------------------|--|-----------------------|
| EN 111: English I - College Writing | 3 | Written English Requirement | 3 |
| FS 100: First Year Student Seminar | 1 | N/A | 0 |
| IS 115: Computer Applications I | 3 | Free Elective | 3 |
| IS 120: Fund Prog Development | 3 | Object Oriented Programming Requirement | 3 |
| IS 140: Networking Essentials | 4 | Data Communications and Networking Requirement | 4 |
| IS 207: Microcomputer Operating System | 3 | N/A | 0 |
| BU 111: Business Organization & Management | 3 | Free Elective | 3 |
| EN 112: English II - Intro to Literature | 3 | Written English Requirement | 3 |
| EN 171: Intro to Technical Writing | 3 | Humanities Requirement | 3 |
| IS 208: Microcomputer Hardware | 3 | Free Elective | 3 |
| IS 241: Network Administration I | 3 | Technology Elective for General Concentration | 3 |
| HU 146: Intro Computer Graphics & Design | 3 | N/A | 0 |
| IS 209: LINUX | 3 | Technology Elective for General Concentration | 3 |
| IS 242: Network Administration II | 3 | Technology Elective for General Concentration | 3 |
| Information Science Elective <i>Recommend IS 212: Database Management</i> | 3 | Database Concepts Requirement | 3 |
| Science Selective | 3 | Natural Sciences Requirement | 3 |
| Physical Education Activity | 1 | Free Elective | 1 |
| IS 237: Networking Topics OR IS 238: Info Systems Fieldwork (<i>Recommend IS237</i>) | 3 | Technology Elective for General Concentration | 3 |
| IS 250: Network Applications | 3 | Technology Elective for General Concentration | 3 |
| IS 260: Computer/Network Security | 3 | Overview of Computer Security Requirement | 3 |
| MA 127: Mathematical Statistics I | 3 | Statistics Requirement | 3 |
| Social Science Selective | 3 | Social Sciences/History Requirement | 3 |
| Physical Education Activity | 1 | N/A | 0 |
| Total Credits Required for Associate | 64 | Total Credits Accepted from Associate | 56 |

Credits Beyond The Associate That Can Be Transferred OR Taken At Excelsior

| Herkimer County Community College Credits | Semester Hours | Excelsior College Requirements |
|--|-----------------------|---|
| EN 225: Public Speaking | 3 | Communications Requirement |
| HU 158: Ethics | 3 | Ethics Requirement |
| Social Science/History Elective | 6 | Social Science/History Requirement |
| MA 130: Intermediate Algebra * | 3 | Natural Science/Math Elective Requirement |
| Arts and Science Electives | 24 | Arts and Science Electives Requirement |
| IS 235: Web Programming I | 3 | Web Design and Development Requirement |
| Total Additional Credits | 42 | |

* Excelsior College requires Math courses at the level of College Algebra or above. The Information Technology program includes a Statistics and a Discrete Math requirement. Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

| Credits To Be Taken At Excelsior College * | |
|---|----------------|
| Excelsior College Requirements | Semester Hours |
| INL102: Information Literacy | 1 |
| TECH205: Discrete Structures | 3 |
| IT321: Computer Systems Architecture | 3 |
| IT460: System Administration | 3 |
| IT360: Operating Systems | 3 |
| IT390: Project Management | 3 |
| IT375: Human Computer Interactive Design | 3 |
| Technology Electives for the General Concentration Can choose from one of the other concentration areas (Cybersecurity Technology, Information Security, Network Operations) however a total of 15.0 credits will be needed in this area | 0 |
| IT 495: Integrated Technology Assessment Capstone <i>NOTE: The Capstone MUST be completed at Excelsior</i> | 3 |
| Total Credits | 22 |

* The above credits (with the exception of the **Capstone** course) may also be transferred in or taken at another 4-year regionally accredited institution.

| Evaluation Summary | Semester Hours |
|---|----------------|
| Credits Accepted from Associate Degree | 56 |
| Additional Credits Beyond the Associate Degree | 42 |
| Credits from Excelsior * | 22 |
| Total Credits Required for Bachelor's Degree | 120 |

* Students are required to take a minimum of **12.00 credits** from Excelsior to qualify for partner pricing.

NOTE: Excelsior College reviews every student individually and this guide is just a sample scenario. Actual requirements will be dependent on the courses a student transfers to Excelsior.

What are Arts and Sciences?

We offer the following definitions to help you make these determinations. Remember, however, that before you pay to take a course or examination you should always consult with your advisor to make sure that it will help meet your degree requirements.

Humanities

Humanities subjects focus on developing knowledge and skills in critical reading, logical thought, and esthetic appreciation. Here are some subject areas typically classified as Humanities:

Art, Philosophy, Music, Foreign Language, Literature, Theater, Ethics, Speech, Religion, Communication

Social Sciences and History

Social Sciences and History subjects focus on individuals and society and the processes individuals use to order their world. Here are some subject areas typically classified as Social Sciences and History

Psychology, Economics, Sociology, Geography, Political Science, History, Anthropology

Natural Sciences and Mathematics

Natural Sciences and Mathematics subjects focus on understanding the natural world and problem-solving processes. Here are some subject areas typically classified as Natural Sciences and Mathematics.

Anatomy and Physiology, College Algebra, Microbiology, Calculus, Chemistry, Genetics, Biology, Physics