

## Estrella Mountain A.A.S. IT and Power Systems Security (Systems Security - Microsoft Track) to Excelsior College B.S. Information Technology (General Concentration)

Revision: June 2017

This program plan outlines how students can transfer from the **Estrella Mountain A.A.S. IT and Power Systems Security (Systems Security - Microsoft Track)** program to the **Excelsior College B.S. Information Technology (General Concentration)** program. Upon completion of the **A.A.S. IT and Power Systems Security (Systems Security - Microsoft Track)**, the following credits will apply for students enrolling in the **B.S. Information Technology (General Concentration) program**.

Estrella Mountain Credits	Semester Hours	Excelsior College Requirements	Semester Hours
CNT140AA: Cisco - Introduction to Networks	4	Data Communications & Networking Requirement	4
CIS111: Ethics in Information Technology	3	Ethics Requirement	3
CIS126DL: Linux Operating System	3	Free Elective	3
CIS250: Management of Information Systems	3	General Concentration Elective	3
CIS271DB: Information Security Essentials	3	Computer Security Requirement	3
CIS272DB: Information Security Principles	3	Computer Security Requirement	3
MST150: Microsoft Windows Professional (any suffixed course)	3	Free Elective	3
CIS121AH: Microsoft PowerShell/Command Line Operations	3	Free Elective	3
MST155: Windows Server Network Infrastructure Configuration (any suffixed course)	4	General Concentration Elective	4
MST157: Active Directory Windows Server Configuration (any suffixed course)	4	General Concentration Elective	4
MST158: Windows Server Administration (any suffixed course)	4	Not Applicable	0
ITS240 :Ethical Hacking and Network Defense	3	General Concentration Elective	3
ENG101: First-Year Composition OR ENG107: First Year Composition for ESL	3	Written English Requirement (ENG101 only)	3
ENG102: First-Year Composition OR ENG108: First Year Composition for ESL	3	Written English Requirement (ENG102 only)	3
Oral Communication	3	Communications Requirement	3
MAT112: Mathematical Concepts and Applications <b>OR</b> equivalent course <b>OR</b> satisfactory completion of a higher-level mathematics course	3	Natural Science/Math Elective	3
Humanities and Fine Arts	3	Humanities Requirement	3
Social and Behavioral Sciences	4	Social Science Requirement	4
Natural Sciences	3	Natural Science Requirement	3
<b>Total Credits Required for Associate</b>	<b>62</b>	<b>Total Credits Accepted From Associate</b>	<b>58</b>

\* Excelsior College requires math courses at the level of college algebra or above. The Cyber Operations and Information Technology program includes a Statistics requirement. Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

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

Estella Mountain Credits	Semester Hours	Excelsior College Requirements
MAT206: Elements of Statistics	3	Math Requirement
Social Science Electives	5	Social Science Requirement
Arts & Science Electives	24	Arts & Science Requirement

CSC150: Programming in C/C++	3	Object Oriented Programming Requirement
CSC185: World Wide Web and Introductory Internet Programming	3	Web Design & Development Requirement
CIS276DA: MySQL Database	3	Database Concepts Requirement
MGT 246: Principles of Project Management	3	Project Management Requirement
<b>Total Additional Credits</b>	<b>44</b>	

\* Excelsior College requires math courses at the level of college algebra or above. The Cyber Operations and Information Technology program includes a Statistics requirement. Depending on what the student takes at their home institution, they will need the other requirement for Excelsior College.

<b>Credits To Be Taken At Excelsior College *</b>	
<b>Excelsior College Requirements</b>	<b>Semester</b>
INL 102: Information Literacy	1
TECH 205: Discrete Structures	3
IT 321: Computer Systems Architecture	3
IT 360: Operating Systems	3
IT 460: System Administration	3
IT 375: Human Computer Interactive Design	3
IT 495: Capstone* <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
<b>Total Credits</b>	<b>19</b>

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

<b>Evaluation Summary</b>	<b>Semester Hours</b>
Credits Accepted from Associate Degree	58
Additional Credits Beyond the Associate Degree	44
Credits from Excelsior *	19
<b>Total Credits Required for Bachelor's Degree</b>	<b>121</b>

\* 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

The publication *Using Exams to Complete your Excelsior College Degree* shows the classification of Excelsior College and other examinations in chart form. Each exam is listed under the requirement it satisfies. You can find this publication at [www.excelsior.edu](http://www.excelsior.edu).