

**Revision: February 2017**

This program plan outlines how students can transfer from the **Erie Community College A.A.S. Mechanical Engineering Technology** program to the **Excelsior College BS Technology** program. Upon completion of the **A.A.S.**, the following credits will apply for students enrolling in the **BS Technology** program.

<b>Erie Community College Credits</b>	<b>Semester Hours</b>	<b>Excelsior College Requirements</b>	<b>Semester Hours</b>
ME 104: Technical Drawing	2	Technical Elective	2
ME 114: Analytical Mechanics	3	Area of Focus	3
ME 150: Manufacturing Processes and Materials I	1	Technical Elective	1
ME 151: Lab for ME 150	1	Technical Elective	1
ME 160: Introduction to Computer Concepts in MET	1	Technical Elective - Computer Applications	1
ME 161: Lab for ME 160	1	Free Elective	1
MT 122: Technical Mathematics II <b>OR</b> MT 126: College Mathematics II (*MT 126 recommended)	4	*Mathematics (Level of College Algebra or Above)	4
PH 260: Technical Physics I and Lab (PH 261)	4	Natural Sciences	4
ME 200: Manufacturing Process and Materials II	2	Technical Elective	2
ME 201: Lab for ME 200	1	Technical Elective	1
ME 250: Computer Aided Drafting and Design	2	Technical Elective - Computer Applications	2
ME 258: Mechanics of Materials	3	Area of Focus	3
ME 259: Lab for ME 258	1	Area of Focus	1
EN 110: College Composition	3	Written English	3
MT 180: Pre-Calculus Mathematics	4	Mathematics (Level of College Algebra or Above)	4
ME 260: Instrumentation	2	Technical Elective	2
ME 261: Lab for ME 260	1	Technical Elective	1
ME 262: Geometric Dimensioning and Tolerancing	1	Technical Elective	1
ME 263: Lab for ME 262	1	Technical Elective	1
ME 270: Fluid Mechanics	2	Technical Elective	2
ME 271: Lab for ME 270	1	Technical Elective	1
ME 272: Applied Thermodynamics	3	Tech Specialty	3
EN 111: Composition and Interpretation of Literature	3	Written English	3
Social Science Elective	3	Social Science/History	3
ME 280: Fluid Power	2	Technical Elective	2
ME 281: Lab for ME 280	1	Technical Elective	1
ME 282: Heat, Power and Refrigeration	2	Tech Specialty	2
ME 283: Lab for ME 282	1	Tech Specialty	1
ME 288: Basic Electricity for Mechanical Equipment	3	Tech Specialty	3
ME 290: Machine Design	2	Tech Specialty	2
ME 291: Lab for ME 290	1	Tech Specialty	1
ME 298: Mechanical Engineering Technology	3	Free Elective	3
<b>Total Credits Required for Associate</b>	<b>65</b>	<b>Total Credits Accepted from Associate</b>	<b>65</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 That Can Be Transferred OR Taken At Excelsior		
Erie Community College Credits	Semester Hours	Excelsior College Requirements
PY 110: Ethics	3	Ethics
BU 142: Business Communication	3	Communications
PH 262: Technical Physics II (or other Natural Science)	4	Natural Science
CH 140: College Chemistry I (or other Natural Science)	3	Natural Science
MT 181: Calculus and Analytical Geometry I (or other Mathematics course at level of College Algebra or Above)	4	Mathematics
HI 101: American History I (or other Social Sciences/History Elective)	3	Social Sciences/History
PS 100: General Psychology (or other Social Sciences/History Elective)	3	Social Sciences/History
Arts & Sciences Electives	13	Arts & Sciences Electives
PY 101: Introduction to Philosophy	3	Humanities
<b>Total Additional Credits</b>	<b>39</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 To Be Taken At Excelsior College *	
Excelsior College Requirements	Semester Hours
INL 102: Information Literacy	1
Upper-Level Tech Specialty	6
Upper-Level Technical Electives	6
Tech 495: Integrated Technology Assessment Capstone <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
<b>Total Credits</b>	<b>16</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.

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	65
Additional Credits beyond the Associate Degree	39
Credits from Excelsior *	16
<b>Total Credits Required for Bachelor's Degree</b>	<b>120</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