

**Lakeshore Technical College AAS Radiation Safety/Health Physics
to Excelsior College B.P.S. Technology Management
Nuclear Technology Concentration**

Revision: February 2020

This program plan outlines how students can transfer from the **Lakeshore Technical College AAS Radiation Safety/Health Physics** program to the **Excelsior College B.P.S. Technology Management, Nuclear Technology concentration** program. Upon completion of the **AAS Radiation Safety/Health Physics**, the following credits will apply for students enrolling in the **B.P.S. Technology Management, Nuclear Technology concentration** program.

Lakeshore Technical College Credits	Semester Hours	Excelsior College Requirements	Semester Hours
10624105 Health Physics Calculations and Statistics	3	Mathematics Requirement	3
10624110 Radioactivity and Regulations	3	Free Elective	3
10804113 College Technical Mathematics 1A	3	Mathematics Elective Requirement	3
10103121 Excel - Level 1	1	Free Elective	1
10801195 Written Communication	3	Written English Requirement	3
10624114 Nuclear Systems and Sources	3	Technology Elective (concentration)	3
10624122 Radiation Physics	3	Technology Elective (concentration)	3
10624123 Radiation Physics-Lab	2	Technology Elective (concentration)	2
10624103 Nuclear DC and AC Applications	3	Technology Elective (concentration)	3
10801196 Oral/Interpersonal Comm	3	Humanities	3
10624118 Radiation Biology	3	Arts and Science elective	3
10809122 Introduction to American Government	3	Social Sciences	3
10624138 Radioactive Materials Management	2	Free Elective	2
10624145 Applied Health Physics	3	Technology Elective (concentration)	3
10624146 Applied Health Physics-Lab	2	Free Elective	2
10482135 Energy Power and Force or 10806154 General Physics 1 (recommended)	3 to 4	Natural Sciences Requirement	4
10809198 Intro to Psychology	3	Social Sciences	3
10529150 Hazardous Waste Site Worker 40-Hour Training	2	Free Elective	2
10624140 Radiochemistry	3	Free Elective	3
10624144 Environmental HP and Decommissioning	3	Technology Elective (concentration)	3
10624133 Radiological Emergencies	3	Free Elective	3
10624134 Radiation Shielding	2	Free Elective	2
10624135 Radiation Shielding Lab	1	Free Elective	1
Total Credits Required for Associate	60 to 61	Total Credits Accepted from Associate	61

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

Lakeshore Technical College Credits	Semester Hours	Excelsior College Requirements
10809166 Intro to Ethics: Theory and App	3	Ethics Requirement
10196107 Principles of Management	3	General Management Requirement
10101111 Accounting 1	3	Accounting Requirement
10196188 Project Management	3	Project Management Requirement
Electives*	4	Humanities, Free Elective
Total Additional Credits *	16	

Credits To Be Taken At Excelsior College *

Excelsior College Requirements	Semester Hours
INL 102: Information Literacy	1
IND 301: Cornerstone B: Pathways	3
ENGL 102: Composition II	3
IT 221: Introduction to Computers	3
BUS 452: Business Leadership	3
TECH 230: Technology and Society	3
TECH 330: Economic Analysis for Technologists	3
TECH 340: Introduction to Energy Utilization	3
Upper Level Arts and Sciences Electives	9
Upper Level Professional Component	3
Upper Level Free Elective	6
TECH 490: Technology Management Capstone: Integrated Technology Assessment <i>NOTE: The Capstone MUST be completed at Excelsior</i>	3
Total Credits	43

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

** Students are required to complete a minimum of six (6) credits of labs in the following (Chemistry, Radiation Measurement, General Physics, Technology Electives, or Natural Sciences Electives)

Evaluation Summary	Semester Hours
Credits Accepted from Associate Degree	61
Additional Credits beyond the Associate Degree	16
Credits from Excelsior *	43
Total Credits Required for Bachelor's Degree	120

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

NOTE: Excelsior College reviews every student individually. This guide is a sample scenario only. Actual requirements will be dependent on the courses a student transfers and the application date with 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