

## Transfer Guide

### Lakeshore Technical College Associate in Applied Sciences in Nuclear Technology to Excelsior College Bachelor of Science in Nuclear Engineering Technology

#### Courses needed for Lakeshore AAS:

10624105 Health Phys. Calculat. & Stats	3
106924110 Nuclear Techn. & Regul.	3
10660105 DC Fundamentals	3
10801195 Written Communication	3
10804118 Intermediate Algebra w/App.	3
10620157 Hydraulics – Industrial	2
10624114 Nuclear Systems & Sources	3
10624118 Radiation Biology	3
10624122 Radiation Physics	3
10624123 Radiation Physics – Lab	2
10660110 AC Fundamentals	3
10801196 Oral/Interpersonal Comm	3
10806134 General Chemistry	4
10624132 Radiological Emergencies	2
10624134 Radiation Shielding	2
10624135 Radiation Shield – Lab	1
10624138 Radioactive Material & Mgt.	2
10624149 Reactor Plant Components	4
10806154 General Physics 1	4
10809122 Intro. to American Govt.	3
10624145 Applied Health Physics	3
10624146 Applied Health Physics – Lab	2
10809198 Intro to Psychology	<u>3</u>
<b>Total:</b>	<b>68</b>

#### Additional Lakeshore coursework:

10809166 Intro to Ethics: Theory & App.	3
Social Science Elective	3
Humanities Elective	3
10606114 Computer Appl. For Technic.	<u>3</u>

**Total:** **12**

#### Excelsior Coursework:

INL 102 Information Literacy	1
ENG 102 English Composition II	3
MAT 116 Precalculus Algebra	3
TECH 201 Found. of Tech Prob. Solv. I	4
TECH 202 Found. Of Tech Prob. Solv. II	4
CHE 101L Chemistry Lab	1
PHYS 203 Physics II	3
NUC 240 Atomic & Nuclear Physics	4
NUC 245 Thermodynamics	3
NUC 320 Materials	3
NUC 325 Nuclear Materials	3
NUC 350 Plant Systems Overview	3
NUC 330 Reactor Core Fundamentals	3
NUC 250 Heat Transfer & Fluids	3
TECH 340 Intro. to Energy Utiliz.	3
NUC 495 Integrated Tech. Assessmt.	<u>3</u>

**Total:** **47**