TRANSFER GUIDE - BS NUCLEAR ENGINEERING

Bismarck State College Nuclear Power Technology to

Bachelor of Science in Nuclear Engineering Technology

This program plan outlines how students can apply their Bismarck State College credits earned in the AAS in Nuclear Power Technology to Excelsior University's B.S. in Nuclear Engineering Technology degree program.

This is only a guide in how credits will transfer into an Excelsior University degree program. **Actual transferability of credits are dependent upon current Excelsior University degree requirements and policies upon the date a student is admitted to Excelsior.** All students will be reviewed individually as it relates to the transferability of credits into an Excelsior University degree program.

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Bismarck State College	Semester Hours	Excelsior University Requirements	Semester Hours
ENGL 110: English Composition I	3	Written English Requirement	3
COMM 110: Fundamentals of Public Speaking	3	Communications Requirement	3
MATH 165: Calculus I	3	Calculus I Requirement	3
Math 166: Calculus II	3	Calculus II Requirement	3
MATH 103: College Algebra	3	Mathematics Requirement	3
MATH 105 Trigonometry	3	Mathematics Requirement	3
PHYS 231: Physics I AND PHYS 251L: Physics I Lab	4	Physics I and Laboratory Requirement	4
PHYS 212: Physics II AND PHYS 212L: Physics II Lab	4	Physics II and Laboratory Requirement	4
CHEM 121: General Chemistry I AND CHEM 121L General Chemistry Laboratory	4	Chemistry and Laboratory Requirement	4
NUPT 213: Nuclear Physics	3	Duplicative Credit	3
CSCI 101: Introduction to Computers	3	IT221: Introduction to Computers	3
NUPT 217: Heat Transfer, Fluid Flow and Thermodynamics	4	EGR 250: Intro to Heat Transfer & Fluid Dynamics	3
NUPT 221: Science of Radiological Protection	3	Health Physics	3
NUPT 219: Material Science	3	NUC 323: Material Science	3
NUPT 109: Electrical Science	3	Duplicative Credit	0
NUPT 103: Nuclear Mathematical Fundamentals	3	Arts & Sciences Requirement	3
NUPT 105: Classical Physics	4	Duplicative Credit	0
NUPT 107: Engineering Drawings, Diagrams & Schematics	3	Nuclear Technology Elective	3
NUPT 113: Mechanical Science	3	Nuclear Technology Elective	3
NUPT 215: Nuclear Plant Chemistry	3	Free Elective	3
NUPT 111: Instrumentation and Control	4	Nuclear Technology Elective	4
NUPT 101: Overview of Nuclear Energy	2	Nuclear Technology Elective	2
NUPT 220: Reactor Theory	2	Technology Elective	2
NUPT 225: Nuclear Plant System Component Design and Function	4	Technology Elective	4
NUPT 223: Reactor Safety Design	0	NUC 271: Fundamentals of Reactor Safety	3
NUPT 227: Conduct of Facility Operators	0	Excess Credit	0
TOTAL CREDITS REQUIRED	**77**	**TOTAL CREDITS ACCEPTED**	**72**

Additional Credits That May Be Transferred OR Taken With Excelsior

Bismarck State College	Semester Hours	Excelsior University Requirements	
Humanities Elective	3	Humanities Requirement	
Free Electives	4	Free Electives	
Social Sciences/History Electives	9	Social Sciences/History Requirement	
		TOTAL ADDITIONAL CREDITS	**16**

Credits To Be Taken With Excelsior University

Excelsior University Credit Requirements	
INL 102: Information Literacy	1
IND 101: Cornerstone A (Foundations) **OR** IND 301: Cornerstone B (Pathways)	3
ENG 312: Professional And Technical Writing	3
IND 203: Professional Ethics	3
NUC 255: Electrical Theory	3
NUC 245: Thermodynamics	3
NUC 246: Thermodynamics Lab	1
NUC*250 Intro to Heat Transfer and Fluid	3
NUC 211: Radiation Measurement Lab	1
NUS 350: Plant Systems Overview	3

IT 390: Project Management					3
NUC 260: Power Plant Components					3
NUC 330: Reactor Core Fundamentals					3
IT 495: Integrated Technology Assessment Capstone					3
				TOTAL CREDITS	**36**

EVALUATION SUMMARY	Semester Hours
Credits Accepted from INSERT PARTNER NAME Training	72
Additional Credits That May Be Transferred **OR** Taken With Excelsior	16
Credits To Be Taken With Excelsior	36
TOTAL CREDITS REQUIRED	**124**

* All credits with the exception of information literacy, cornerstone, and capstone may be transferred from other institutions.

* Students must choose from one of the following concentrations: General, Nuclear Cybersecurity, Nuclear Leadership.

* Excelsior University 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.