Excelsior College Bachelor of Science in Nuclear Engineering Technology
Bismarck State College AAS – Nuclear Power Technology
Transfer Guide – October 1, 2011

Bismarck State College AAS – Nuclear Power Technology

☐	NUPT 101: Overview of Nuclear Energy	2
☐	NUPT 103: Nuclear Mathematics Fundamentals	3
☐	NUPT 105: Classical Physics	4
☐	NUPT 107: Engineering Drawings, Diagrams and Schematics	3
☐	NUPT 113: Mechanical Science	3
☐	NUPT 215: Nuclear Plant Chemistry	3
☐	NUPT 109: Electrical Science	4
☐	NUPT 213: Nuclear Physics	3
☐	NUPT 217: Heat Transfer Fluid Flow & Thermodynamics*	4
☐	NUPT 111: Instrumentation and Control	4
☐	NUPT 221: Science of Radiological Protection	3
☐	NUPT 219: Material Science	3
☐	NUPT 220: Reactor Theory	2
☐	NUPT 225: Nuclear Plant System Components, Design and Function	4
☐	NUPT 223: Reactor Safety Design	3
☐	NUPT 227: Conduct of Facility Operations	4
☐	ENGL 110: College Composition	3
☐	ENGL 120: College Composition II	3
☐	PHIL 210: Ethics	3
☐	CSCI 101: Introduction to Computers	3
☐	BIOL 111 and BIOL111L: Concepts of Biology and Lab	4
	Total Credits Transferred from AAS Degree	**68**

*Will not transfer

Bismarck State College Courses Beyond the AAS

☐	Communications: ENGL 125 OR COMM 110	3
☐	Social Sciences/History	9
☐	Humanities	3
☐	MATH 107: Pre-Calculus	5
☐	MATH 165: Calculus I	4
☐	MATH 166: Calculus II	4
☐	CHEM 121: General Chemistry I	4
☐	CHEM 121L: General Chemistry I Lab	1
☐	PHYS 212: College Physics II	3
☐	PHYS 212L: College Physics II Lab	1
☐	ENGR 241: Thermodynamics	3
	Total Additional Credits Completed at Bismarck State College	**40**

Excelsior College courses to complete the bachelor degree

☐	NUC*230: Atomic Physics	3
☐	INL*102: Information Literacy	1
☐	NUC*211: Radiation Measurement Lab	1
☐	NUC*250: Heat Transfer and Fluid Mechanics	3
☐	NUC*325: Nuclear Materials	3
☐	NUC*495: Integrated Technology Assessment	3
☐	ELEC*160: Electronics I (with lab)	4
☐	Upper level technical electives	10
	Total Credits Completed at Excelsior College	**28**