

**A.A.S. Nuclear Plant Technology Degree Requirements Summary**  
**Navy Rating: Aviation Support Equipment Technician (AS)**

Students must complete a minimum 15 semester hours in residence with Bismarck State College. Credit transfers restricted to 45 semester hours from non-traditional (credit by exam or military) sources. Minimum 2.0 GPA to graduate.

Course Number/Title	Credits Needed	E-3 FN	E-4 GSM3	E-5 GSM2	E-6 GSM1	E-7 GSMC	E-8 GSCS	E-9 GSCM
<b>General Education</b>								
Communications	6							
ENGL 110 College Composition 1 (Required)								
ENGL 120 College Composition II								
ENGL 125 Intro to Professional Writing								
COMM 110 Fundamentals of Public Speaking								
Arts & Humanities/Social Science	3							
Business, Math, Science, Technology (Choose 2 classes from 2 separate areas of study)	6							
<b>Program Specific</b>								
NUPT 101 Overview of Nuclear Energy	2							
NUPT 103 Nuclear Mathematics Fundamentals	3							
NUPT 105 Classical Physics	4							
NUPT 107 Engineering Drawings, Diagrams, Schematics	3							
NUPT 113 Mechanical Science	3		X	X	X	X	X	X
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 & Control	4							
NUPT 221 Science of Radiological Protection	3							
NUPT 219 Material Science	3							
NUPT 220 Reactor Theory	2							
NUPT 225 Nuclear Plant System Component Design & Function	4							
NUPT 223 Reactor Safety Design	3							
NUPT 227 Conduct of Facility Operations	4							
<b>Total Credits Needed</b>	<b>67</b>							

*Please keep in mind that once a semester begins, you will need to work with your academic advisor to determine an educational plan.*

Disclaimer for Navy Degree Roadmaps: Please be aware that this is a sample and a Sailor's actual credit award may vary depending on the ACE recommendation in effect at the time of their training and per department approval.