



# Bismarck State College NCPDLP Rating Roadmap



## A.A.S. Nuclear Power Technology Degree Requirements Summary

Navy Rating: Aviation Structural Mechanic, Safety Equipment (AME)

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
<b>General Education</b>	
<b>Communications</b>	<b>6</b>
ENGL 110 College Composition I – 3 Credits	
Choose one:	
ENGL 120 College Composition II – 3 Credits	
ENGL 125 Intro to Professional Writing – 3 Credits	
COMM 110 Fundamentals of Public Speaking – 3 Credits	
<b>Arts &amp; Humanities/Social &amp; Behavioral Sciences</b>	<b>3</b>
<b>Business, Math, Science &amp; Technology</b> (Choose two classes from two separate areas of study)	<b>6</b>
<b>Program Specific</b>	
NUPT 101 Overview of Nuclear Energy	2
NUPT 103 Nuclear Mathematical Fundamentals	3
NUPT 105 Classical Physics	4
NUPT 107 Engineering Drawings, Diagrams & Schematics	3
NUPT 109 Electrical Science	4
NUPT 215 Nuclear Plant Chemistry	3
NUPT 213 Nuclear Physics	3
NUPT 220 Reactor Theory	2
NUPT 217 Heat Transfer, Fluid Flow & Thermodynamics	4
NUPT 223 Reactor Safety Design	3
NUPT 219 Material Science	3
NUPT 221 Science of Radiological Protection	3
NUPT 111 Instrumentation & Control	4
NUPT 225 Nuclear Plant System Component Design & Function	4
NUPT 227 Conduct of Facility Operations	4
<b>Total Credits Needed</b>	<b>64</b>

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

Navy Credit Awarded							
	<u>E-3</u>	<u>E-4</u>	<u>E-5</u>	<u>E-6</u>	<u>E-7</u>	<u>E-8</u>	<u>E-9</u>
	AN	AME3	AME2	AME1	AMEC	AMCS	AFCM
ACE RECOMMENDED CREDIT							
RECRUIT TRAINING	3	3	3	3	3	3	3
RATING CREDIT		9	13	19	25	37	45

### 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.

For more information please go online to [bscmilitaryonline.com/navy/ncpdlp](http://bscmilitaryonline.com/navy/ncpdlp) or call 1-800-852-5685.