



Bismarck State College NCPDLP Rating Roadmap



A.A.S. Power Plant Technology Degree Requirements Summary

Navy Rating: Aviation Electrician's Mate (AE)

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
General Education	
Communications	6
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	
Arts & Humanities/Social & Behavioral Sciences	3
Business, Math, Science & Technology (Choose two classes from two separate areas of study)	6
Program Specific	
ENRT 101 Introduction to Energy Technology	4
ENRT 105 Safety, Health & Environmental Practices	3
ENRT 107 Mechanical Fundamentals	2
ENRT 110 Plant Equipment & Systems	4
ENRT 112 Basic Print Reading	3
ENRT 103 Applied Math	3
ENRT 104 Electrical Fundamentals	3
ENRT 116 Instrumentation & Control	4
ENRT 118 Heat Transfer, Fluid Flow & Thermodynamics	3
ENRT 120 Water Purification & Treatment	3
ENRT 219 Steam Generation	3
ENRT 218 Operations, Troubleshooting & Communications	3
PWRP 203 Energy Sources & Conversions	3
PWRP 207 Boilers & Environmental Protection	2
PWRP 210 Turbines & Combined Cycle	3
PWRP 216 Power Generation, Components & Protection	3
ENRT 220 Practical Applications	3
Total Credits Needed	67

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	AE3	AE2	AE1	AEC	AECS	AVCM
ACE RECOMMENDED CREDIT							
RECRUIT TRAINING	3	3	3	3	3	3	3
RATING CREDIT		12	17	23	31	38	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 or call 1-800-852-5685.