



# Bismarck State College NCPDLP Rating Roadmap



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

### Navy Rating: Utilitiesman (UT)

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>  |                |
| 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<br>(Choose two classes from two separate areas of study) | 6              |
| <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> |
|                        | CN         | UT3        | UT2        | UT1        | UTC        | UTCS       | UCCM       |
| ACE RECOMMENDED CREDIT |            |            |            |            |            |            |            |
| RECRUIT TRAINING       | 3          | 3          | 3          | 3          | 3          | 3          | 3          |
| RATING CREDIT          | 6          | 15         | 19         | 32         | 45         | 45         | 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.