

Major Courses

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|---|-----|---|---------|----------------|-----------------------|
| NT | 111 | Basic Nuclear Math & Physics | 5 | | |
| RPT | 111 | Radiation Fundamentals | 5 | | |
| NT | 121 | Reactor Plant Operations <i>or</i> | 4 | | |
| NT | 122 | Basic Nuclear Facilities | 4 | | |
| NT | 131 | Nuclear Facility Components | 4 | | |
| NT | 141 | Basic Reactor Safety, Theory & Operations <i>or</i> | 5 | | |
| NT | 142 | Basic Nuclear Safety & Environmental Compliance | 5 | | |
| NT | 160 | Nuclear Chemistry | 3 | | |
| ELT | 124 | Direct Current Circuits | 5 | | |
| NT | 170 | Mechanical & Fluid Power Transmission | 4 | | |
| NOP | 111 | Hydraulic and Fluid Flows | 5 | | |
| NOP | 221 | Electrical Generation and Distribution | 5 | | |
| NOP | 231 | Advanced Facility Components | 5 | | |
| NOP | 241 | Chemical & Water Treatment Systems | 5 | | |
| NOP | 251 | Advanced Thermodynamics and Heat Transfer | 4 | | |
| IC | 250 | Instrumentation & Control for Operators | 5 | | |
| IC | 260 | Process Instrumentation | 5 | | |
| Internship/Industry Project (select 5-6 credits) | | | | | |
| NT | 150 | Internship Seminar | 1 | | |
| NT | 152 | Internship | 1-5 | | |
| NT | 154 | Industry Project | 1-5 | | |

Subtotal 74-75

Major Support (select 1-16 credits)

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|--------|-----|-----------------------------------|---------|----------------|-----------------------|
| NT | 200 | Nuclear Industry Exam Preparation | 3 | | |
| NT | 261 | Nuclear Facilities Management | 5 | | |
| IHT | 100 | OSHA-10 | 1 | | |
| IHST | 130 | OSHA 30 - Construction Safety | 3 | | |
| IHST | 154 | Hazwoper Certification | 4 | | |

Subtotal 1-16

General Education

| Course | No. | Course Title | Credits | Qtr. Completed | Comments/Substitution |
|---|---------|--|---------|----------------|-----------------------|
| English (select 5 credits) | | | | | |
| ENGL& | 101 | English Composition I <i>or</i> | 5 | | |
| ENGL | 103 | Writing in the Workplace | 5 | | |
| Science (select 10 credits) | | | | | |
| PHYS& | 100/101 | Physics for Non-Science Majors & Lab <i>and/or</i> | 5 | | |
| PHYS | 102 | Physics of Everyday Experience <i>and/or</i> | 5 | | |
| CHEM& | 140 | General Chemistry Prep w/ Lab | 5 | | |
| Math (select 5 credits) | | | | | |
| MATH& | 141 | Precalculus I <i>or</i> | 5 | | |
| MATH& | 146 | Introduction to Stats | 5 | | |
| Human Relations (5 credits) | | | | | |
| PSYC& | 100 | General Psychology | 5 | | |
| Communication Studies (select 3-5 credits) | | | | | |
| CMST | 104 | Speech Essentials <i>or</i> | 3 | | |
| CMST& | 220 | Public Speaking <i>or</i> | 5 | | |
| CMST | 103 | Workplace Communication (preferred) <i>or</i> | 3 | | |
| CMST | 110 | Communication Behavior <i>or</i> | 3 | | |
| CMST& | 210 | Interpersonal Communication <i>or</i> | 5 | | |
| CMST | 260 | Multicultural Communication | 5 | | |

Subtotal 28-30

Total Credits Required 103-121