

Degree & Certificate Requirements

Nuclear Technology Radiation Protection Technician One-Year Certificate PROFESSIONAL TECHNICAL 2020-2021 Certificate Requirements

Major Courses

| Course Number | Course Title | Credits | Qtr. Completed | Comments / Substitution |
|-----------------|---|-----------|----------------|-------------------------|
| ELT 124 | Direct Current Circuits | 5 | | |
| NT 111 | Basic Nuclear Math & Physics | 5 | | |
| NT 121 | Reactor Plant Operations | 4 | | |
| or | | | | |
| NT 122 | Basic Nuclear Facilities | 4 | | |
| NT 131 | Nuclear Facility Components | 4 | | |
| NT 141 | Basic Reactor Safety, Theory, & Operations | 5 | | |
| or | | | | |
| NT 142 | Basic Nuclear Safety & Environmental Compliance | 5 | | |
| RPT 111 | Radiation Fundamentals | 5 | | |
| Subtotal | | 28 | | |

Major Support

| Course Number | Course Title | Credits | Qtr. Completed | Comments / Substitution |
|--|---|--------------|----------------|-------------------------|
| Biology or Chemistry - select 5-6 credits from the following: | | | | |
| BIOL&175 | Human Biology w/ Lab [M/S] | 5 | | |
| CHEM&140 | General Chemistry Prep w/ Lab [M/S] | 5 | | |
| CHEM&161 | General Chemistry I w/ Lab [M/S] | 6 | | |
| Physics - select 5 credits from the following: | | | | |
| PHYS&110 | Physics for Non-Science Majors w/ Lab [M/S] | 5 | | |
| Any PHYS& course higher than 110 | | 5 | | |
| Subtotal | | 10-11 | | |

General Education

| Course Number | Course Title | Credits | Qtr. Completed | Comments / Substitution |
|---|---|--------------|----------------|-------------------------|
| Communication Studies - select 5 credits from the following: | | | | |
| CMST&101 | Introduction to Communication Studies [C] | 5 | | |
| CMST&210 | Interpersonal Communication [C] | 5 | | |
| CMST&220 | Public Speaking [C] | 5 | | |
| CMST 260 | Multicultural Communication [C] | 5 | | |
| English - select 5 credits from the following: | | | | |
| ENGL&101 | English Composition I [C] | 5 | | |
| ENGL 103 | Writing in the Workplace | 5 | | |
| Mathematics - 5 credits: | | | | |
| MATH&141 | Precalculus I [M/S] [Q/SR] | 5 | | |
| Subtotal | | 15 | | |
| Total Credits Required | | 53-54 | | |