

# 2026-2027 Catalog

## Nuclear Technology Non-Licensed Nuclear Operator One-Year Certificate PROFESSIONAL TECHNICAL 2026-2027 Certificate Requirements

### Major Courses

| Course Number   | Course Title                                         | Credits   | Qtr. Completed | Comments / Substitution |
|-----------------|------------------------------------------------------|-----------|----------------|-------------------------|
| ELT 124         | Direct Current Circuits [RE]                         | 5         |                |                         |
| NT 111          | Basic Nuclear Math & Physics [RE]                    | 5         |                |                         |
| NT 114          | Introduction to Radiation Safety [RE]                | 5         |                |                         |
| NT 121          | Reactor Plant Operations [RE]                        | 5         |                |                         |
| or              |                                                      |           |                |                         |
| NT 122          | Basic Nuclear Facilities [RE]                        | 4         |                |                         |
| NT 131          | Nuclear Facility Components [RE]                     | 5         |                |                         |
| NT 141          | Basic Reactor Safety, Theory, & Operations [RE]      | 5         |                |                         |
| or              |                                                      |           |                |                         |
| NT 142          | Basic Nuclear Safety & Environmental Compliance [RE] | 5         |                |                         |
| <b>Subtotal</b> |                                                      | <b>28</b> |                |                         |

### Major Support

| Course Number                                                | Course Title                                          | Credits      | Qtr. Completed | Comments / Substitution |
|--------------------------------------------------------------|-------------------------------------------------------|--------------|----------------|-------------------------|
| <b>Chemistry - select 5 to 6 credits from the following:</b> |                                                       |              |                |                         |
| CHEM& 140                                                    | General Chemistry Prep W/ Lab [M/S]                   | 5            |                |                         |
| CHEM& 161                                                    | General Chemistry I W/ Lab [M/S]                      | 6            |                |                         |
| <b>Physics - select 5 credits from the following:</b>        |                                                       |              |                |                         |
| PHYS& 110                                                    | Physics for Non-Science Majors W/ Lab <i>or above</i> | 5            |                |                         |
| <b>Subtotal</b>                                              |                                                       | <b>10-11</b> |                |                         |

### General Education

| Course Number                                               | Course Title                              | Credits      | Qtr. Completed | Comments / Substitution |
|-------------------------------------------------------------|-------------------------------------------|--------------|----------------|-------------------------|
| <b>Communication - select 5 credits from the following:</b> |                                           |              |                |                         |
| 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            |                |                         |
| <b>English - select 5 credits from the following:</b>       |                                           |              |                |                         |
| ENGL& 101                                                   | English Composition I [C]                 | 5            |                |                         |
| ENGL 103                                                    | Writing In The Workplace [RE]             | 5            |                |                         |
| <b>Mathematics - 5 credits:</b>                             |                                           |              |                |                         |
| MATH& 141                                                   | Precalculus I [M/S] [Q/SR]                | 5            |                |                         |
| <b>Subtotal</b>                                             |                                           | <b>15</b>    |                |                         |
| <b>Total Credits Required</b>                               |                                           | <b>53-54</b> |                |                         |

Students must receive minimum 2.0 grade in all ELT and NT courses.  
Required minimum cumulative 2.0 GPA.