

Degree & Certificate Requirements

Nuclear Technology Instrumentation & Control Technician 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		
ELT 134	Alternating Current Circuits [RE]	5		
ELT 154	Semiconductors and Op Amps [RE]	5		
NT 111	Basic Nuclear Math & Physics [RE]	5		
NT 121	Reactor Plant Operations [RE]	5		
NT 131	Nuclear Facility Components [RE]	5		
NT 141	Basic Reactor Safety, Theory, & Operations [RE]	5		
Subtotal		40		

Major Support

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
Select 0 to 5 credits from the following:				
NT 101	Introduction to Clean Energy [RE]	5		
Subtotal		0-5		

General Education

Course Number	Course Title	Credits	Qtr. Completed	Comments / Substitution
English - select 5 credits from the following:				
ENGL& 101	English Composition I [C]	5		
ENGL 103	Writing In The Workplace [RE]	5		
Mathematics - 5 credits:				
MATH& 141	Precalculus I [M/S] [Q/SR]	5		
Subtotal		10		
Total Credits Required		50-55		

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