

**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		
NT	170	Mechanical & Fluid Power Transmission	4		
IC	201	Instrumentation I	5		
IC	202	Instrumentation II	5		
IC	203	Instrumentation III	5		
IC	230	PLC Programming & Computer Interfacing	5		
ELT	124	Direct Current Circuits	5		
ELT	134	Alternating Current Circuits	5		
ELT	154	Semiconductors and Op Amps	5		
ELT	171	Digital Fundamentals	5		
ELT	211	Applied Electronics	5		
<b>Internship/Industry Project (select 5-6 credits)</b>					
NT	150	Internship Seminar	1		
NT	152	Internship <i>or</i>	1-5		
NT	154	Industry Project	1-5		

**Subtotal 80-81**

**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
<b>English (5 credits)</b>					
ENGL&	101	English Composition I <i>or</i>	5		
ENGL	103	Writing in the Workplace	5		
<b>Science (select 10 credits)</b>					
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		
<b>Math (select 5 credits)</b>					
MATH&	141	Precalculus I <i>or</i>	5		
MATH&	146	Introduction to Stats	5		
<b>Human Relations (5 credits)</b>					
PSYC&	100	General Psychology	5		
<b>Communication Studies (select 3-5 credits)</b>					
CMST	104	Speech Essentials <i>or</i>	3		
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&	220	Public Speaking <i>or</i>	5		
CMST	260	Multicultural Communication	5		

Subtotal 28-30

Total Credits Required 109-127