

# Associate in Applied Science in Nuclear Technology

## Radiation Protection Technician Option

PROFESSIONAL TECHNICAL

2016-2017 Degree Requirements

### Major Courses

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
NT	111	Basic Nuclear Math & Physics	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	150	Internship Seminar	1		
NT	160	Nuclear Chemistry	3		
ELT	111	Introduction to Electricity	5		
NT	170	Mechanical & Fluid Power Transmission	4		
FYI	101	First Year Introduction	1		
<b>Internship/Industry Project (select 5 credits)</b>					
NT	152	Internship <i>or</i>	1-5		
NT	154	Industry Project	1-5		

**Subtotal 37**

### Major Support

Course	No.	Course Title	Credits	Qtr. Completed	Comments/Substitution
RPT	111	Radiation Fundamentals	5		
RPT	121	Radiation Monitoring	5		
RPT	131	Radiation Effects	5		
RPT	141	Radioactive Materials Handling	5		
RPT	211	Radiological Safety and Response	5		
RPT	222	Radiation Protection	5		
BIOL&	175	Human Biology w/ Lab	5		

**Subtotal 35**

### 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 (10 credits)</b>					
PHYS&	100/101+	Physics for Non-Science Majors & Lab <i>or</i> above	5		
CHEM&	140	General Chemistry Prep w/ Lab	5		
<b>Math (5 credits)</b>					
MATH&	141	Precalculus I	5		
<b>Human Relations (5 credits)</b>					
PSYC&	100	General Psychology	5		
<b>Communication Studies (select 3-5 credits)</b>					
CMST	101	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 100-102**