Associate in Applied Science in Nuclear Technology

Radiation Protection Technician Option

PROFESSIONAL TECHNICAL

2017-2018 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 ***or***	4		
NT	122	Basic Nuclear Facilities	4		
NT	131	Nuclear Facility Components	4		
NT	141	Basic Reactor Safety, Theory, & Operations ***or***	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		
Internship/Industry Project (select 5 credits)					
NT	152	Internship ***or***	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
English (5 credits)					
ENGL&	101	English Composition I ***or***	5		
ENGL	103	Writing in the Workplace	5		
Science (10 credits)					
PHYS&	100/101+	Physics for Non-Science Majors & Lab ***or*** above	5		
CHEM&	140	General Chemistry Prep w/ Lab	5		
Math (5 credits)					
MATH&	141	Precalculus I	5		
Human Relations (5 credits)					
PSYC&	100	General Psychology	5		
Communication Studies (select 3-5 credits)					
CMST	101	Speech Essentials ***or***	3		
CMST	103	Workplace Communication (preferred) ***or***	3		
CMST	110	Communication Behavior ***or***	3		
CMST&	210	Interpersonal Communication ***or***	5		
CMST&	220	Public Speaking ***or***	5		
CMST	260	Multicultural Communication	5		
		Subtotal	**28-30**		
		Total Credits Required	**100-102**		