

**Excelsior College Bachelor of Science in Nuclear Engineering Technology  
Texas State Technical College AAS – Radiation Protection Technology  
Transfer Guide**

**Texas State AAS – Radiation Protection Technology Program**

EPCT 1307	Intro to Environ Safety & Heal	3
ENG 1301	English Composition I	3
NUCP 1319	Radiation Physics	3
MATH 1314	College Algebra	3
	Social Sciences Elective	3
EPCT 1305	Environmental Regulations Ov.	3
IRAD 1301	Radiation Detection Meas I	3
ITSC 1309	Integrated Software Apps I	3
BIOL 1406	Environmental Biology	4
	Humanities Elective	3
IRAD 2371	Radiation Detection Meas II	3
NUCP 2301	Radation Protection I	3
NUCP 1270	Nuclear Power Plant Fund.	2
CHEM 1406	Introductory Chemistry I	4
NUCP 1341	Personnel and Environ Monit.	3
NUCP 2402	Radiation Protection II	4
NUCP 2335	Radiological Emergencies	3
NUCP 2379	Reactor Physics	3
<b>Total Credits Transferred from AAS Degree</b>		<b>56</b>

**Texas State Courses Beyond the AAS**

SPCH 1311	Intro to Speech Communications	3
ENGL 1302	English Composition II	3
PHYS 1401	College Physics I	4
MATH 1316	Plane Trigonometry	3
	Social Sciences/History subjects	6
	(Choose an additional 6 credits in Social Sciences/History)	
<b>Total Additional Credits Completed at Texas State</b>		<b>19</b>

**Excelsior College Courses to Complete Bachelor's Degree**

PHYS 203	Physics II	3
TECH 201	Foundations of Technology Problem Solving I	4
TECH 202	Foundations of Technology Problem Solving II	4
TECH *220	Workplace Communications with Computers	3
BUS 323	Business Ethics	3
NUC 240	Atomic and Nuclear Physics	4
NUC 245	Thermodynamics	3
NUC 250	Heat Transfer & Fluid Mechan	4
NUC 255	Electrical Theory	3
NUC 320	Materials	3
NUC 325	Nuclear Materials	3
NUC 330	Reactor Core Fundamentals	3
NUC 350	Plant Systems Overview	3
	One Upper Level Technology Elective	3
	Technology or Natural Science Lab	1
NUC 495	Integrated Tech Assessment	3
INL 102	Information Literacy	1
<b>Total Credits Completed at Excelsior</b>		<b>51</b>