Excelsior College Bachelor of Science in Nuclear Engineering Technology
Salem Community College AAS – Nuclear Energy Technology
Transfer Guide

Salem CC AAS – Nuclear Energy Technology Program	
CSC 115 Computer Applications	3
ENG 101 English Composition I	3
NET 111 Mathematics for Energy Tech	3
NET 115 Mechanical Sciences	3
ETH 200 Ethics in the Modern World	3
ENG 122 Business and Occupational Wr	3
MAT 137 College Algebra	3
NET 102 Electrical Science	4
NET 131 Nuclear Industry Fund Conc	3
NET 211 Heat Transfer and Fluid Flow	3
NET 213 Instrumentation and Control I	3
NET 233 Basic Nuclear Systems	4
PHY 101 Physics I	4
ENG 202 Intro to Speech Commun	3
NET 221 Nuclear Science	4
NET 223 Reactor Plant Prot and Safety	4
NET 243 Instrumentation and Control II	4
Applied Physics and Chemistry	4
Total credits Transferred from AAS Degree	**61**

Salem CC Courses Beyond the AAS	
MAT 153 Precalculus	4
ENG 102 English Composition II	3
MAT 231 Calculus I	4
MAT 232 Calculus II	4
CHM 101 College Chemistry I	4
PHY 102 Physics II	4
CHOOSE Additional 6 Credits in Social Science/History	6
CHOOSE Additional 3 Credits in Social Sciences/History or Humanities	3
CHOOSE Additional 3 Credits in any Subject area. A maximum of 2 Credits in Physical Education activity courses will apply	3
Total Additional Credits Completed at Salem CC	**35**

Excelsior College Courses to Complete the Bachelors Degree	
INL 102 Information Literacy	1
NUC 320 Materials	3
NUC 325 Nuclear Materials	3
NUC 240 Atomic and Nuclear Physics	3
NUC 245 Thermodynamics	3
NUC 350 Plant Systems Overview	3
NUC 330 Reactor Core Fundamentals	3
NUC XXX Health Physics	3
NUC XXX Radiation Measurement Lab	
Choose 3 credit upper level Technology Elective	3
NUC 495 Integrated Technology Assess	3
Total Credits Completed at Excelsior	**28**

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