www.excelsior.edu
7 Columbia Circle, Albany, NY 12203-5159
telephone: 888-647-2388 • 518-464-8500 • fax: 518-464-8777

Degree Roadmap: Electronics Technician (ET)
Bachelor of Science in Nuclear Engineering Technology
January 2007 – Present

School: Excelsior College **Degree: Bachelor of Science** **Major: Nuclear Engineering Technology** **ABET Accredited Degree Program** **Rating: ET**	**E-Mail:** military@excelsior.edu **Phone: 1-888-647-2388 (press 1352 at the greeting)** **or (518) 464-8500 (press 1352 at the greeting)** **Fax: (518) 608-8142**	**Institution Unique Graduation Requirements:** **12 Semester Credits of Excelsior College distance learning courses required** **Maintain GPA of 2.0 Cumulative**

WHAT IS REQUIRED? **Degree Requirements**		**Credits you have earned!** **Navy Credit Awarded by Excelsior College**							
CURRICULUM DEGREE REQUIREMENTS	**CREDIT HOURS REQUIRED**		E-3	E-4	E-5	E-6	E-7	E-8	E-9
		ACE RECOMMENDED CREDIT AWARDED							
INL 102 Information Literacy	1								
Communications	3		3	3	3	3	3	3	3
ENG 101 English Composition	3								
ENG 102 English Composition II	3								
BUS 323 Business Ethics	3								
Social Science/History	9								
Humanities Electives	3								
Mathematics at the precalculus level (including Calculus I TECH 201 & Calculus II TECH 202)	12		7	7	7	7	7	7	7
CHE 101 Chemistry	3		3	3	3	3	3	3	3
CHE 101L General Chemistry Lab I	1								
PHYS 201 Physics I	2		2	2	2	2	2	2	2
PHYS 203 Physics II	2								
PHYS 202 or 204 Physics Lab	1								
NUC 240 Atomic and Nuclear Physics	4		4	4	4	4	4	4	4
NUC 245 Thermodynamics	3		3	3	3	3	3	3	3
Arts and Sciences Electives	8							3	3
NUC 255 AC/DC Electrical Theory	3		3	3	3	3	3	3	3
TECH 220 or IT 210 Computer Applications	3								
NUC 320 Materials	3								
NUC 325 Nuclear Materials	3								
Health Physics/Radiation Protection	3		3	3	3	3	3	3	3
Radiation Measurement Lab	0		Met	Met	Met	Met	Met	Met	Met
NUC 350 Plant Systems Overview	3		3	3	3	3	3	3	3
NUC 330 Reactor Core Fundamentals	3		3	3	3	3	3	3	3
Fluids & Heat Transfer	4		4	4	4	4	4	4	4
NUC 495 Integrated Technology Assessment	3								
Technology or Natural Science Labs	2		1**	1**	1**	1**	1**	1**	1**
Nuclear Technology Electives	18		18	18	18	18	18	18	18
Applied Professional Electives	15		15	15	15	15	15	15	15
TOTAL REQUIRED CREDITS	**124**	**TOTAL CREDITS AWARDED FOR NAVY TRAINING**	72	72	72	72	72	75	75

**Note: ET Surface fulfills 1 natural science/technology lab and needs 1 additional technology lab; ET Submarine needs 2 natural science /technology labs