

BACHELOR OF SCIENCE DEGREE IN ENGINEERING TECHNOLOGY

Nuclear Concentration

125 Hours

2008 - 2009

Recommended Course of Study

Freshman Year

<u>Fall</u>			<u>Spring</u>		
CSCE 1020	Program Development	4	CHEM 1410	General Chemistry	3
ENGL 1310	College Writing I	3	CHEM 1430	General Chemistry Lab	1
HIST 2610	U.S. History to 1865	3	ENGL 2700	Technical Writing	3
MATH 1710	Calculus I	<u>4</u>	MATH 1720	Calculus II	3
		14	HIST 2620	U.S. History Since 1865	3
			XXXX	Cross Cult., Div., & Global Studies	<u>3</u>
					16

Sophomore Year

<u>Fall</u>			<u>Spring</u>		
ENGR 2060	Professional Presentations	3	ENGR 2301	Statics	3
GNET 1030	Technological Systems	3	MATH 1680	Elem. Probability and Statistics	3
PHYS 1710	Mechanics	3	PHYS 2220	Elec. & Mag.	3
PHYS 1730	Laboratory in Mechanics	1	PHYS 2240	Elec. & Mag. Lab	1
XXXX	Visual & Performing Arts	3	PSCI 1040	American Government	3
XXXX	Humanities	<u>3</u>	XXXX	Technical Elective	<u>3</u>
		16			16

Junior Year

<u>Fall</u>			<u>Spring</u>		
ENGR 2405	Fund. of Electrical Engineering	4	ELET 3970	Electronic Devices & Controls	3
MFET 4190	Quality Assurance	3	MEET 3990	Applied Thermodynamics	3
NUET 3910	Prin. Of Nuclear Technology	3	NUET 3920	Nuclear Inst. & Measurement	4
XXXX	Wellness	3	PSCI 1050	American Government	3
XXXX	Technical Option	<u>3</u>	XXXX	Technical Option (Adv)	<u>3</u>
		16			16

Senior Year

<u>Fall</u>			<u>Spring</u>		
ELET 4940	Elect Power Gen. & Transmission	3	CSCE 4010	Engineering Ethics	2
MEET 3940	Fluid Mechanics Applications	3	NUET 4930	Reactor Engn. Design & Operation	4
NUET 3930	Radiation Biology & Safety	4	NUET 4790	Senior Design Project	2
NUET 4050	Nuclear Reactor Theory	3	XXXX	Technical Option	3
NUET 4780	Senior Design I	<u>2</u>	XXXX	Technical Option	<u>4</u>
		15			15