

NE Future Course Offerings – 10/2020

No	Title	Freq	Spr21	FA 21	Spr 22
NE 231	Survey of Nuclear Engr	Spr	XX		
NE 234	Prin & Prac of NR Oper	F Odd			
NE 305	Fund of Nuc Engr	Fall			
NE 321	Energy Conv. Technology	Occ			
NE 405	Nuc Reactor Theory	Spr	XX		XX
NE 406	Nuc Reactor Analysis	Fall			
NE 408	Ionizing Radiation	Spr	XX		XX
NE 411	Nuc Reactor Engineering	Fall		XX	
NE 412	Nuc Reactor Design	Sp/Sum	XX		XX
NE 423	Nuc Engr Materials	Occ			
NE 424	Nuc Materials Lab	S Odd	XX		
NE 427	Nuc Instru Lab	Sem	XX	XX	XX
NE 428	Nuc Reactor Lab	Sem	XX		
NE 506	Practicum in Monte Carlo Transport	Spr	XX		
NE 520	Two-Phase Flow & HT	S Even			
NE 525	Intro to Plasmas	Sem	XX	XX	XX
NE 526	Lab Crse in Plasmas	Spr	XX		XX
NE 527	Plasma Conf & Heating	3 sem	XX		XX
NE 528	Plasma Proc & Tech	F Even		XX	
NE 533	Resources From Space	Occ			
NE 536	Power - Thermonuclear Fusion	Occ			
NE 541	Radiation Damage in Metals	F odd	XX		
NE 550	Adv Nuc Power Engr	F Even			
NE 555	Reactor Dynamics	F Even			
NE 561	Intro to Particle Accelerator	Occ			
NE 562	Applied Superconductivity	Occ			

NE 565	Power Plant Tech	F odd			
NE 566	Cryogenics	S Even			
NE 569	Health Physics	Spr	XX		
NE 571	Econ & Envir Aspects of NE	Spr	XX		XX
NE 574	Meth for Prob Risk Analy	Occ			
NE 602	Top: Mat'l Degrad. Adv. Rxtrs	Occ			
NE 602	Top: Quantum Engineering with Atoms and Photons	Occ			
NE 602	Top: Reactor Safety	Occ			
NE 602	Top: Molten Salt Reactors	Occ			
NE 602	Top: Space Nuclear	Occ			
NE 602	Top: Plasma Sources	Occ			
NE 602	Top: Plasma Diag	Occ			
NE 602	Top: Vacuum Tech	Occ			
NE 705	Advanced Reactor Theory	Occ			
NE 724	Waves & Instab in Plasmas	3 Sem			
NE 725	Plasma Kinet Theo & Rad Proc	3 Sem	XX		
NE 726	Plasma Magnetohydrodyn	3 Sem			
NE 903	Spec. Top: Plasmas	Sem	XX		
NE 922	Plasma Seminar	Sem	XX		