

NEEP Future Course Offerings

No	Title	Spr 16	Fall 16	Sp 17	Fall 17	Sp 18	Fall 18	Sp 19	Fall 19	Sp 20	Fall 20	Sp 21	Freq
NE 231	Survey of Nuclear Engineering	XX		XX		XX		XX		XX		XX	Spr
NE 234	Prin & Prac of NR Oper				XX				XX				F odd
NE 305	Fund of Nuc Engr		XX		XX		XX		XX		XX		Fall
NE 321	Energy Conv. Technology		Scheduled by ME dept. Consult with them for scheduling										Occ
NE 405	Nuc Reactor Theory	XX		XX		XX		XX		XX		XX	Spr
NE 406	Nuc Reactor Analysis				XX				XX				Fall
NE 408	Ionizing Radiation	XX		XX		XX		XX		XX		XX	Spr
NE 411	Nuc Reactor Engineering		XX		XX		XX		XX		XX		Fall
NE 412	Nuc Reactor Design	XX		XX		XX		XX		XX		XX	Sp/Sum
NE 423	Nuc Engr Materials		XX				XX				XX		Occ?
NE 424	Nuc Materials Lab			XX				XX				XX	
NE 427	Nuc Instru Lab	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	Sem
NE 428	Nuc Reactor Lab	XX	XX	XX	RA	RA	RA	RA	RA	RA	RA	RA	Sem
NE 506	Practicum in Monte Carlo Transport	XX		XX		XX		XX		XX		XX	Spr
NE 520	Two-Phase Flow & HT		Scheduled by ME dept. Consult with them for scheduling										S evn
NE 525	Intro to Plasmas	[ECE]	[Phys]	XX	[ECE]	[Phys]	XX	[ECE]	[Phys]	XX	[ECE]	[Phys]	Sem
NE 526	Lab Crse in Plasmas	XX		XX		XX		XX		XX		XX	Sp
NE 527	Plasma Conf & Heating	XX		[Phys]		[ECE]		XX		[Phys]		[ECE]	3 sem
NE 528	Plasma Proc & Tech		[ECE]		[ECE]		[ECE]		[ECE]		[ECE]		F evn
NE 533	Resources From Space												Occ
NE 536	Power - Thermonuclear Fusion					X				X			Occ
NE 541	Radiation Damage in Metals	XX			XX				XX				F odd
NE 550	Adv Nuc Power Engr		XX				XX				XX		F evn
NE 555	Reactor Dynamics		XX			XX				XX			InactX
NE 561	Intro to Particle Accelerator												Occ
NE 562	Applied Superconductivity												Occ
NE 565	Power Plant Tech				XX				XX				F odd
NE 566	Cryogenics	XX				XX				XX			S evn
NE 569	Health Physics		MEDPHY		MEDPHY		MEDPHY		MEDPHY				Spr
NE 571	Econ & Envir Aspects of NE	XX		XX		XX		XX		XX		XX	Spr
NE 574	Meth for Prob Risk Analy	XX				XX				XX			Occ
NE 602	Top: Space Nuclear			XX				XX				XX	Occ
NE 602	Top: Plasma Sources												Occ
NE 602	Top: Plasma Diag												Occ
NE 602	Top: Reactor Safety	XX											Occ
NE 602	Top: Molten Salt Reactors			XX			XX				XX		
NE 602	Top: Vacuum Tech												Occ
NE 705	Advanced Reactor Theory			XX				XX					Occ
NE 724	Waves & Instab in Plasmas	[ECE]			XX			[Phys]			XX		3 Sem
NE 725	Plasma Kinet Theo & Rad Proc		XX			[Phys]			XX			[Phys]	3 Sem
NE 726	Plasma Magnetohydrodyn	[Phys]		[Phys]			XX			[Phys]			3 Sem
NE 903	Spec. Top: Plasmas		XX	[ECE]	[Phys]	XX	[ECE]	[Phys]	XX	[ECE]	[Phys]	X	Sem
NE 922	Plasma Seminar	XX	[Phys]	XX	XX	[Phys]	XX	[Astro]	[Phys]	[ECE]	[Phys]	[Phys]	Sem