Materials Science and Engineering - Lecture and Lab Course Offerings 2007-08

AUTUMN:

Subject	UG#	GR#	Instructor	Course Title	Time	Room
ENGR	**31**		McIntyre	Chemical Principles with Application to Nano-scale Science and Technology	MW 2:15-3:30 and	McCull 122
					Tu 3:15-4:05 Study	McCull 122
ENGR	**50M**		Heilshorn	Introduction to Materials Science - Biomaterials Emphasis	TT 11-12:15	550-550A
MATSCI	**154**		Barnett	Solid State Thermodynamics	MWF 11-11:50 and	550-550D
					Th 11-11:50 Study	TBA
MATSCI	**156**		Clemens	Solar Cells, Fuel Cells and Batteries:Materials for the Energy Solution (NEW)	TT 12:50-2:05	550-550D
MATSCI	**164**		Salleo	Electronic & Photonic Materials for Devices Laboratory (NEW)	MWF 1:15-2:05(+ Lab TBA)	530-127
MATSCI	**151**	**251**	Dauskardt	Microstructure and Mechanical Properties	TT 9-10:15	550-550D
MATSCI	**163**	**173**	Gage	Mechanical Behavior Laboratory	W 3:15-5:05	550-550D
MATSCI	**190**	**210**	McGehee	Organic Materials	TT 2:15-3:30	370-370
MATSCI	**192**	**202**	Cui	Materials Chemistry	MWF 9-9:50	550-550A
MATSCI	**193**	**203**	Sinclair	Atomic Arrangements in Solids	MWF 10-10:50 and	550-550A
					M 2:15-5:05 Study	550-550A
MATSCI		**230**	Salleo & Lindenberg	Materials Science Colloquium	F 3:15-4:45	550-550A
MATSCI		**312**	Wang	New Methods in Thin Film Synthesis	TT 2:15-3:30	Skilling 193
MATSCI		**326**	Lindenberg	X-ray Science and Techniques (NEW)	MW 11-12:15	Hewlett 103
MATSCI		**380**	Melosh	Nano-Biotechnology	TT 11-12:15	McCull 122

WINTER:

Subject	UG#	GR#	Instructor	Course Title	Time	Room
ENGR	**50**		Melosh	Introduction to Materials Science - Nanotechnology Emphasis	MWF 10-10:50	ApPhy200
MATSCI	**153**		Sinclair & Solorzano	Nanostructure and Characterization	TT 11-12:15	Bolivar Hs
MATSCI	**157**		Lindenberg	Quantum Mechanics for Materials Scientists (NEW)	MWF 1:15-2:05	550-550D
MATSCI	**161**	**171**	Han	Nanocharacterization Laboratory	MW 3:15-4:30	McCull 122
MATSCI	**162**	**172**	Vailionis	X-Ray Diffraction Laboratory	W 3:15-5:05	550-550D
MATSCI	**194**	**204**	Salleo	Thermodynamics and Phase Equilibria	MWF 11-11:50	Hewlett 103
MATSCI	**195**	**205**	Clemens	Waves and Diffraction in Solids	TT 9-10:15 and	540-108
					Tu 4:15-5:05 Study	GESB 131
MATSCI	**198**	**208**	Dauskardt	Mechanical Properties of Materials	MWF 10-10:50	320-221
MATSCI		**230**	Sinclair & Cui	Materials Science Colloquium	F 3:15-4:45	550-550A
MATSCI		**316**	Cui	Nanoscale Science, Engineering and Technology	TT 12:50-2:05	TBA
MATSCI		**320**	Sinclair & Evans	Nano-characterization of Materials	TT 3:15-4:30	Hewlett 102
MATSCI		**343**	McGehee & Peumans	Organic Semiconductors for Electronics and Photonics	MWF 1:15-2:05	TBA
MATSCI		**346**	Brongersma & Fan	Nanophotonics	TT 4:15-5:30	TBA
MATSCI		**381**	Heilshorn & Cochran	Biomaterials in Regenerative Medicie (NEW)	TT 11-12:15	Clark S361

SPRING:

Subject	UG#	GR#	Instructor	Course Title	Time	Room
ENGR	**50**		Sinclair	Introduction to Materials Science - Nanotechnology Emphasis	MWF 11-12:15	300-300
MATSCI	**70N**		Bravman	Bldg Future:Invention & Innovation with Engineering Materials	TT 1:15-3:05	Sweet303
MATSCI	**152**		Han	Electronic Materials Engineering	TT 11-12:15	550-550D
MATSCI	**155**		Clemens	Nanomaterials Synthesis	TT 9:30-10:45	550-550D
MATSCI	**159Q**		Sinclair	Japanese Companies and Japanese Society	W 6-7:50	540-103
MATSCI	**160**		Melosh	Nanomaterials Laboratory	M 2:15-3:30(+ Lab TBA)	550-550D
MATSCI	**196**	**206**	Nix	Imperfections in Crystalline Solids	TT 9-10:15	540-108
MATSCI	**197**	**207**	McIntyre	Rate Processes in Materials	MW 2:15-3:30	380-380Y
MATSCI	**199**	**209**	Brongersma	Electronic and Optical Properties of Solids	TT 3:15-4:30	Hewlett 102
MATSCI		**230**	Dauskardt & Heilshorn	Materials Science Colloquium	F 3:15-4:45	TBA
MATSCI		**302**	McGehee	Solar Cells	MWF 10-10:50	TBA
MATSCI		**311**	Salleo	Lasers in Materials Processing	MW 11-12:15	550-550D
MATSCI		**322**	Marshall	Transmission Electron Microscopy Laboratory	TBA	TBA
MATSCI		**347**	Wang & White	Introduction to Magnetism and Magnetic Nanostructures	TT 11-12:15	540-108
MATSCI		**358**	Dauskardt	Fracture and Fatigue of Materials & Thin Film Structures	MW 9:30-10:45	SCPD

Subject to change. Please refer to on line Time Schedule for the most updated information.