LAB FEE

Materials Science & Engineering

Materials Science Engineering (MATSCIE)												
220	Intro Mat & Man			4.00	ENFORCED							
11497	AR LEC 100 MWF	1130-1230PM	REMOTE	Sevener								
11498	P RW DIS 101 TH	1130-1230PM	REMOTE	Brandt								
11499 11500	P RW DIS 102 TH P RW DIS 103 TH	130-230PM 1030-1130AM	REMOTE REMOTE	Day Caro								
27086	PRW DIS 103 TH	230-330PM	REMOTE	Day								
	P RW LEC 200 MW	1130-130PM	REMOTE	Yalisove								
	al section of MSE 220 will be a team											
introduction	n to the material is NOT lecture, but	rather annotated readin	 Class time will cor 	nsist of active								
learning ac	tivities. There will be three group pr	ojects in this class. Stud	ents will be required	to purchase an								
electronic t	extbook via the Canvas site that wil	l be live in August. Stude	ents will also be requ	iired to purchase	a							
	n to Learning Catalytics (\$12). Ther											
and honest	ty - not accuracy. Quizzes are grade	ed by averaging a closed	l book, closed notes,	individual effort	, with an							
open book, open internet, group effort. You will be rewarded for hard work and honesty on homework and exams without the angst of 100% summative assessment. Do not purchase the book at this time. More information will be												
	n the following website: http://java.e			wore imormation	i wiii be							
	AR LEC 300	ARR	REMOTE	Heron								
25298	P RW DIS 301 TH	1030-1130AM	REMOTE	1101011								
25299	PRW DIS 302 TH	230-330PM	REMOTE									
33917	PRW DIS 303 TH	1130-1230PM	REMOTE	Heron								
250	Prin Engr Matl			4.00	ENFORCED							
11501	AR LEC 100 MWF	930-1030AM	1013 DOW	Wynarsky								
	properties, and processing relations				S.							
	P RW DIS 101 TH	1130-1230PM	1013 DOW	Singhal								
20228 20322	PR DIS 102 TH PR DIS 103 TH	130-230PM	2505 GGBL	Zhang								
39655	PR DIS 103 TH PR DIS 701 TH	1030-1130AM 1130-1230PM	1610 IOE 1005 DOW	Shah								
39656	PR DIS 702 TH	1030-1230FM	1003 DOW 1017 DOW									
39231	AR LEC 800 MWF	930-1030AM	1017 DOW 1013 DOW	Wynarsky								
39543	PR DIS 801 TH	1130-1230PM	1013 DOW	Singhal								
39544	PR DIS 802 TH	130-230PM	2505 GGBL	Zhang								
39545	PR DIS 803 TH	1030-1130AM	1610 IOE	Shah								
280	MSE Ugrad Res Opp			1.00-3.00	ADVISORY							
	I IND +	ARR	ARR									
330	Thermo of Matls	ADD	DEMOTE	4.00	ENFORCED							
11508	PR LEC 001	ARR	REMOTE	Shahani	ENEODCED							
330	Thermo of Matls PR LEC 001 F	1230-130PM	REMOTE	4.00	ENFORCED							
350	Structures of Matis	1230-130FW	HLINIOTL	4.00	ENFORCED							
11503	P RW LEC 001	ARR	REMOTE	Qi	EM ONOLD							
350	Structures of Matls	7		4.00	ENFORCED							
	PRW LEC 001	ARR	REMOTE									
360	Materials Lab I			3.00	ADVISORY, ENFORCED							
11504	SR LEC 001 M	130-230PM	REMOTE	Chambers								
	ISE 360 are held in the Van Vlack U											
11505	PRW LAB 002 T PRW LAB 002 T	130-530PM	2224 DOW	Lien								
15049	PRW LAB 002 T	130-530PM 130-530PM	2150 DOW 2224 DOW	Cardoza								
13043	PRW LAB 003 W	130-530PM	2150 DOW	Cardoza								
11506	P RW LAB 004 TH	12-4PM	2224 DOW	Cheng								
	PRW LAB 004 TH	12-4PM	2150 DOW	3								
40262	PR LAB 802 T	130-530PM	REMOTE	Lien								
40263	PR LAB 803 W	130-530PM	REMOTE	Cardoza								
40264	PR LAB 804 TH	12-4PM	REMOTE	Cheng								
400	EMO Mod Dev Tech	ADD	DEMOTE	3.00	ENFORCED							
32488		ARR	REMOTE	Kioupakis	ENFORCER							
410 15292	Biomaterials P RW LEC 001 MW	10-1130AM	REMOTE	3.00 Mehta	ENFORCED							
13232	FRW LLC OUT WW	10-1130AW	HLIVIOTE	Menia								
412	Polymeric Materials			3.00	ENFORCED							
11507	PR LEC 001	ARR	REMOTE	Love	EM GHGEB							
420	Mech Behavior Matrls			3.00	ADVISORY, ENFORCED							
15465	PR LEC 001 TTH	230-4PM	REMOTE	Sevener	,							
454	Comp Approaches MSE			3.00	ENFORCED							
30429	PR LEC 001 F	1230-2PM	REMOTE									
454	Comp Approaches MSE	10.100004	DEMOTE	3.00	ENFORCED							
This alone	PR LEC 001 W	12-130PM	REMOTE	Thornton								
	will be held in the Van Vlack Underg	graduate Lab, second flo	or of the H.H. Dow t		ADVISORY ENEODOED							
470 30268	Phys Met PR LEC 001 TTH	10-1130AM	REMOTE	3.00 Allison	ADVISORY, ENFORCED							
481	Design Sustain Prod	10 HOUAW	I ILIVIO I L	3.00	ENFORCED							
34001	PR LEC 001 MW	3-430PM	1017 DOW	Taub, Mangi								
490	Research Problems	- :==::::	· · · · = × · ·	1.00-3.00	ENFORCED							
	DR IND +	ARR	ARR									
510	Materials Chem			3.00	ADVISORY							

	34536	P	LEC	100	TTH	830-10AM	REMOTE	Bartlett	4 DV((0.0 DV)
	515 32631	Poly I	LEC	001	TTH	230-4PM	REMOTE	3.00	ADVISORY
	517	-		on Poly		230-4FW	NEIVIOTE	Tuteja 3.00	ENFORCED
	20676	PR			TTH	430-6PM	REMOTE	Kim	LINI ONCLD
	532			Matris		400 OI WI	TILMOTE	3.00	ADVISORY
	16843	P	LEC		MW	1-1AM	REMOTE	Sun	
	550	Fund		ci & En				3.00	ADVISORY
	24761	Р	LEC	001	MW	830-10AM	1109 FXB	Li	
	39218	Р	LEC		MW	830-10AM	1109 FXB	Li	
	554			thods				3.00	
	25244	P	LEC		MW	1130-1PM	1014 DOW	Kieffer	
	39219	Р	LEC			ARR	ARR		
	555			Conv	TTU	10 1100 114	DEMOTE	3.00	ENFORCED
	32655	PR			TTH	10-1130AM	REMOTE	Goldman	4 D\((100 D\)(
	560	Struct P			MW	0.400DM	DEMOTE	3.00	ADVISORY
	18603 562	•	LEC	crospy		3-430PM	REMOTE	Poudeu-Pou 4.00	ADVISORY
	28952	P	LEC		MW	1-230PM	1670 BEYSTER	Hovden	ADVISORI
						er of NCRC North Cam			
	28953		LAB	002	T T	130-430PM	ARR	Hovden	
	39240	P	LEC		MW	1-230PM	1670 BEYSTER	Hovden	
								ADVISORY	
	36123	P	LEC		MW	12-130PM	1500 EECS	Singh	2
	Electrocho	miotre	1nna 0	Engra				3	

Electrochemistry Apps & Engrg

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Electrochemistry Applications and Engineering -

This course will serve to give students exposure to applications of electrochemistry in the production of chemicals and metals, energy storage, sensors, and material protection (i.e., controlling corrosion). Part of the course will discuss basic electrochemistry concepts, so a background in electrochemistry is not required, but a majority of the course will focus on applications, and electrochemical techniques, e.g., electrochemical impedance spectroscopy, which can be used to understand charge transfer, double layer formation and capacitance, and solution resistances. In addition, some of the practical aspects of research electrochemistry will be discussed, including applying fundamental concepts to research. The engineering behind electrochemical reactor design will also be covered, including touching on the economics and performance metrics for industrial systems, and future avenues in electrochemical processes.

31288 P LEC 019 MW 12-130PM 3427 EECS

Battery Basics

995

Battery Basics - The electrification of society is proceeding at an extremely rapid pace. There are insufficient numbers of people trained in battery technologies to meet the growing need for individuals with the basic knowledge needed to serve society at entry level positions and above. This course is designed to provide, initially, basic understanding of battery design, assembly, and testing to entry level indi-viduals. As time goes on, an advanced level of sophistication will be implemented based on learning from this first course.

As envisioned, lectures provided will enable individuals to acquire basic knowledge that can eventually be used to

qualify for a practical course in battery assembly and testing. 41531 P LEC 801 MW 12-130PM LEC 801 LEC 802 Singh 39222 Ρ MW 12-130PM 3427 EECS Laine **Battery Basics** 690 **Research Problems** 1.00-16.00 **ARR** ARR IND Colloq in Mat Sci PR SEM 001 1.00 890 19720 10-1130AM **REMOTE** Shahani, Hovden, Sun, Qi, Heron **Diss-Precand ADVISORY** 990 1.00-8.00 ARR ARR IND

ARR

8.00

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