

# Electrical Engineering Dept. Course Offerings, 2008-09

12/05/2008

Req'd Courses for EE's in Red  
 Req'd Courses for CPE's in Blue  
 Req'd Courses for both in Green  
 Service Courses in Orange  
 Core Grad Courses in Purple

EE and CPE students are expected to take the course in the quarter marked EE or CPE respectively. A reduced number of sections of courses may be offered in quarters marked with an asterisk (\*) depending upon demand and resources available.

Course	Units				
Quarter:		Fall	Winter	Spring	Summer
<b>Required Courses</b>					
<b>Freshman Core Courses</b>					
CPE 100	1	CPE			
EE 111	1	EE			
EE 151 (Lab)	1	EE			
EE/CPE 129	3	CPE	*	EE CSC	
EE/CPE 169 (Lab)	1	CPE	*	EE CSC	
EE 112	2	CPE	*	EE	
<b>Sophomore Core Courses</b>					
EE 211	3	EE	CPE	*	
EE 241 (Lab)	1	EE	CPE	*	
EE 212	3	*	EE	CPE	
EE 242 (Lab)	1	*	EE	CPE	
EE 228	4	CPE	*	EE	
EE/CPE 229	3	*	EE CPE	*	
EE/CPE 269 (Lab)	1	*	EE CPE	*	
EE 255	3	*		EE	
EE 295 (Lab)	1	*		EE	
<b>Junior Core Courses</b>					
EE 302	3		EE	*	
EE 342 (Lab)	1		EE	*	
EE 306	3	EE CPE	*		
EE 346 (Lab)	1	EE CPE	*		
EE 307	3		EE CPE	*	
EE 347 (Lab)	1		EE CPE	*	
EE 308	3	*		EE	
EE 348 (Lab)	1	*		EE	
EE 314	3		EE	*	
EE 328 (selectable for CPE)	3	EE	*		
EE 368 (Lab) (selectable for CPE)	1	EE	*		
EE/CPE 329 (Lec/Lab)	4	*		EE CPE	
EE 335	4	*		EE	
EE 375 (Lab) <sup>1</sup>	1	*		EE	
CPE 350	4	CPE	*		
<b>Senior Core Courses</b>					
EE 402	3	EE	*		
EE 409	3	EE	*		
EE 449 (Lab)	1	EE	*		
EE 460	2	EE	*		
EE 463 (Senior Project Qtr. 1)	3	EE	EE	EE	EE
EE 464 (Senior Project Qtr. 2)	2	EE	EE	EE	EE
CPE 450 (Lec/Lab)	4		CPE	*	

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Quarter:		Fall	Winter	Spring	Summer
<b>Technical Electives</b>					
<b>Communications</b>		<b>Units</b>			
EE 403 <sup>2</sup>	3	EE			
EE 443 (Lab)	1	EE			
EE 415	3	No plans to offer			
EE 416	3	EE			
EE 418	3			EE	
EE 458 (Lab)	1			EE	
EE 419	3		EE		
EE 459 (Lab)	1		EE		
EE 424 (Lec/Lab)	4			EE	
EE 433 (Lec/Lab)	4			EE	
EE 440	3		EE		
EE 480 (Lab)	1		EE		
EE 456 (Lab)	1	EE			
<b>Computer</b>					
EE/CPE 427 (Lec/Lab)	4	Not offered 08-09 Academic Year			
EE 431 (Lec/Lab)	4			EE CPE	
EE/CPE 438	3	No plans to offer			
EE/CPE 439 (Lec/Lab)	4			EE	
CPE 482 (Lec/Lab) <sup>3</sup>	4		CPE		
<b>Electronics</b>					
EE 405	3	EE			
EE 445 (Lab)	1	EE			
EE 412	3			EE	
EE 452	1			EE	
EE 413 (Lec/Lab)	4			EE	
EE 421	3	No plans to offer			
EE 422 (Lab)	1	EE	EE		
EE 425	3			EE	
EE 455 (Lab)	1			EE	
<b>Power &amp; Control</b>					
EE 406	4			EE	
EE 407	4	EE			
EE 410 (Lec/Lab)	4	EE			
EE 411 (Lec/Lab)	4		EE		
EE 417 (Lec/Lab)	4		EE		
EE 420	4	EE			
EE 433 (Lec/Lab)	4			EE	
EE/CPE 432	3			EE CPE	
EE/CPE 472 (Lab)	1			EE CPE	
EE 444 (Lab)	1			EE	
EE 470 (Selected Advanced Topics)	1-4	EE	EE	EE	EE
EE 471 (Selected Advanced Lab)	1-4	EE	EE	EE	EE
<b>Individual Study</b>					
EE 200 (Special Problems)	1-2	EE	EE	EE	EE
EE 400 (Special Problems)	1-5	EE	EE	EE	EE
<b>Co-op</b>					
EE 493	2	EE	EE	EE	EE
EE 494	6	EE	EE	EE	EE
EE 495	12	EE	EE	EE	EE

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Quarter:		Fall	Winter	Spring	Summer
<b>Service Courses</b>					
	<b>Units</b>				
EE 201	3	Non-maj	Non-maj	Non-maj	Non-maj
EE 251 (Lab)	1	Non-maj	Non-maj	Non-maj	Non-maj
EE 321	3	Non-maj	Non-maj	Non-maj	Non-maj
EE 361 (Lab)	1	Non-maj	Non-maj	Non-maj	Non-maj
<b>Graduate Courses</b>					
EE 500 (Individual Study)	1-3	EE	EE	EE	EE
EE 502	4		EE		
EE 511	4	No plans to offer			
EE 513	4	EE CPE			
EE 514	4		EE CPE		
EE 515	4	EE			
EE 517	4	No plans to offer			
EE 518 <sup>4</sup>	4	Not offered 08-09 Academic Year			
EE 519 <sup>4</sup>	4		EE		
EE 520	4			EE	
EE 521	4			EE CPE	
EE 523	4	EE CPE			
EE 524 (alt years)	3			EE	
EE 525	4	EE			
EE 526	4		EE		
EE 527	4	Not offered 08-09 Academic Year			
EE 528	4			EE	
EE 529	3	No plans to offer			
EE 530	4		EE		
EE 533	4			EE	
EE 541 (Lab)	2	No plans to offer			
EE 544 (Lab)	1	No plans to offer			
EE 563	1	EE	EE	EE	
EE 570 (Selected Advanced Topics)	1-4	EE	EE	EE	EE
EE 593 (Co-op)	2	EE	EE	EE	EE
EE 594 (Co-op)	6	EE	EE	EE	EE
EE 595 (Co-op)	12	EE	EE	EE	EE
EE 599 (Thesis)	1-9	EE	EE	EE	EE

## Footnotes:

- <sup>1</sup> - EE 375 offering quarters subject to change due to curriculum decisions in progress.
- <sup>2</sup> - EE 403 was previously offered in Winter qtr. in 2008; due to curriculum change, now offered only in Fall qtr.
- <sup>3</sup> - Special Topics courses such as CPE 482 are not regularly scheduled and will be announced on a quarter-by-quarter basis.
- <sup>4</sup> - EE 518 and EE519 will alternate years. EE 519 will be offered Winter 09.