

Appendix A: Academic Area Courses

(from 2007-2009 ISU Catalog)

Electrical Engineering (EE) majors

Communications and Signal Processing	Electric Power and Energy Systems	Electromagnetics, Microwave, and Nondestructive Evaluation	Microelectronics and Photonics
EE 520	EE 551X	EE 510	EE 530**
EE 521	EE 553	EE 511	EE 532
EE 523	EE 554	EE 512	EE 535
EE 524	EE 555	EE 513	EE 536
EE 527	EE 556	EE 514	EE 538
EE 528	EE 590*	EE 516	
EE 545	EE 653	EE 517	
EE 547		EE 518	
EE 573		EE 588X	
EE 621			
EE 622			

Systems and Controls	VLSI (EE or CprE majors)
EE 565	EE 501
EE 566	EE 505
EE 570	EE 507
EE 574	EE 508
EE 575	CprE 563
EE 576	CprE 564
EE 577	CprE 566
EE 578	

Computer Engineering (CprE) majors

Computing and Networking Systems		Secure and Reliable Computing	Software Systems	
Cpr E 511	Cpr E 554	Cpr E 530	Cpr E 511	Cpr E 556
Cpr E 526	Cpr E 558	Cpr E 531	Cpr E 525	Cpr E 557
Cpr E 541	Cpr E 581	Cpr E 532	Cpr E 526	Cpr E 558
Cpr E 542	Cpr E 582	Cpr E 533	Cpr E 546	Cpr E 582
Cpr E 543	Cpr E 583	Cpr E 534	Cpr E 550	Cpr E 626
Cpr E 545	Cpr E 588	Cpr E 535	Cpr E 554	
Cpr E 546	Cpr E 589	Cpr E 536		
Cpr E 547X	Cpr E 626	Cpr E 537		
Cpr E 550	Cpr E 681			

* EE 590 in Fall 2008 (This was an actual course rather than an independent study.)

**EE 530 in Fall 2008 and Spring 2009 (These were actual courses rather than seminar.)

Bioengineering (possible major)

EE 530**
EE 532
EE 535
EE 536
EE 538
Cpr E 544
Cpr E 548
Cpr E 549
Cpr E 569
Cpr E 570

* EE 590 in Fall 2008 (This was an actual course rather than an independent study.)

**EE 530 in Fall 2008 and Spring 2009 (These were actual courses rather than seminar.)