

# Course Schedule - Fall 2005

## Computational Science and Engineering

400 **Data Structures, Non-CS Majors** Credit: 4 hours.  
 (CSE 305) Same as CS 400. See CS 400.

CRN	Type	Section	Time	Days	Location	Instructor
36128	laboratory-discussion	1	ARRANGED			
	lecture	1	02:00 PM - 02:50 PM	MWF	room 1131 Siebel Center for Comp Sci	Peiper, C

401 **Intro to Numerical Analysis** Credit: 3 or 4 hours.  
 (CSE 301) Same as CS 450, ECE 491, and MATH 450. See CS 450.

CRN	Type	Section	Time	Days	Location	Instructor
36034	lecture-discussion	B3	09:00 AM - 09:50 AM	MWF	room 1310 Digital Computer Laboratory	Bond, S
36034: 3 hours						
36032	lecture-discussion	B4	09:00 AM - 09:50 AM	MWF	room 1310 Digital Computer Laboratory	Bond, S
36032: 4 hours						

412 **Numerical Linear Algebra** Credit: 3 or 4 hours.  
 (CSE 312) Same as CS 458, and MATH 458. See CS 458.

CRN	Type	Section	Time	Days	Location	Instructor
41255	lecture-discussion	A3	11:00 AM - 12:15 PM	TR	room 1302 Siebel Center for Comp Sci	De Sturler, E
41255: 3 hours						
41257	lecture-discussion	A4	11:00 AM - 12:15 PM	TR	room 1302 Siebel Center for Comp Sci	De Sturler, E
41257: 4 hours						

414 **Algorithms** Credit: 3 or 4 hours.  
 (CSE 314) Same as CS 473 and MATH 473. See CS 473.

CRN	Type	Section	Time	Days	Location	Instructor
35860	lecture-discussion	G3	12:30 PM - 01:45 PM	TR	room 1310 Digital Computer Laboratory	Erickson, J
35860: 3 hours This section is for GRADUATE students.						
35865	lecture-discussion	G4	12:30 PM - 01:45 PM	TR	room 1310 Digital Computer Laboratory	Erickson, J
35865: 4 hours This section is for GRADUATE students.						
43366	lecture-discussion	UG3	11:00 AM - 12:15 PM	TR	room 1404 Siebel Center for Comp Sci	Pitt, L
43366: 3 hours This section is for UNDERGRADUATE students.						

422 **Computer System Organization** Credit: 3 or 4 hours.  
 (CSE 322) Same as CS 433. See CS 433.

CRN	Type	Section	Time	Days	Location	Instructor
36086	lecture-discussion	G3	12:30 PM - 01:45 PM	WF	room 1109 Siebel Center for Comp Sci	Adve, S
36086: 3 hours This section is for GRADUATE students.						
43364	lecture-discussion	G4	12:30 PM - 01:45 PM	WF	room 1109 Siebel Center for Comp Sci	Adve, S
43364: 4 hours This section is for GRADUATE students.						
36083	lecture-discussion	UG3	09:30 AM - 10:45 AM	TR	room 1310 Digital Computer Laboratory	Harrison, W
36083: 3 hours This section is for UNDERGRADUATE students.						

423 **Operating Systems Design** Credit: 3 or 4 hours.  
 (CSE 323) Same as CS 423. See CS 423.

CRN	Type	Section	Time	Days	Location	Instructor
-----	------	---------	------	------	----------	------------

36116	lecture-discussion	G3	10:00 AM - 10:50 AM	MWF	room 1310 Digital Computer Laboratory	Nahrstedt, K
36116: 3 hours This section is for GRADUATE students.						
36117	lecture-discussion	G4	10:00 AM - 10:50 AM	MWF	room 1310 Digital Computer Laboratory	Nahrstedt, K
36117: 4 hours This section is for GRADUATE students.						
43362	lecture-discussion	UG3	10:00 AM - 10:50 AM	MWF	room 1404 Siebel Center for Comp Sci	Gupta, I
43362: 3 hours This section is for UNDERGRADUATE students.						

424 ***Distributed Systems*** Credit: 3 hours.  
(CSE 324) Same as CS 425, and ECE 428. See CS 425.

CRN	Type	Section	Time	Days	Location	Instructor
36101	lecture-discussion	P	11:00 AM - 12:15 PM	TR	room 1105 Siebel Center for Comp Sci	Vaidya, N

425 ***Communication Networks*** Credit: 3 hours.  
(CSE 325) Same as CS 438, and ECE 438. See CS 438.

CRN	Type	Section	Time	Days	Location	Instructor
36064	lecture-discussion	X	02:00 PM - 03:20 PM	MW	room 1320 Digital Computer Laboratory	Kravets, R
36064: 3 hours						

426 ***Software Engineering, I*** Credit: 3 or 4 hours.  
(CSE 326) Same as CS 427. See CS 427.

CRN	Type	Section	Time	Days	Location	Instructor
36110	lecture-discussion	S3	12:30 PM - 01:45 PM	TR	room 1320 Digital Computer Laboratory	Ellison III, C
36110: 3 hours						
36112	lecture-	S4	12:30 PM - 01:45	TR	room 1320 Digital	Ellison III, C

	discussion		PM		Computer Laboratory	
36112: 4 hours						

**427 Computer Graphics** Credit: 3 or 4 hours.  
(CSE 327) Same as CS 418. See CS 418.

CRN	Type	Section	Time	Days	Location	Instructor
36122	lecture-discussion	P3	03:30 PM - 04:45 PM	TR	room 1404 Siebel Center for Comp Sci	Garland, M
36122: 3 hours						
36124	lecture-discussion	P4	03:30 PM - 04:45 PM	TR	room 1404 Siebel Center for Comp Sci	Garland, M
36124: 4 hours						

**433 Intro VLSI System Design** Credit: 3 hours.  
(CSE 333) Same as CS 435 and ECE 425. See ECE 425.

CRN	Type	Section	Time	Days	Location	Instructor
36906	lecture	R	01:00 PM - 02:20 PM	TR	room 260 Everitt Elec and Comp Engr Lab	Wong, M

**450 Computational Mechanics** Credit: 3 or 4 hours.  
(CSE 350) Same as TAM 470. See TAM 470.

CRN	Type	Section	Time	Days	Location	Instructor
35031	lecture-discussion	E3	01:00 PM - 01:50 PM	MWF	room 105 Talbot Laboratory	Haber, R
35031: 3 hours						
41371	lecture-discussion	E4	01:00 PM - 01:50 PM	MWF	room 105 Talbot Laboratory	Haber, R
41371: 4 hours						

**451 Intro to Finite Element Anlys** Credit: 3 or 4 hours.  
(CSE 351) Same as AE 420 and ME 471. See ME 471.

CRN	Type	Section	Time	Days	Location	Instructor
36852	lecture	C	10:00 AM - 10:50 AM	MWF	room 243 Mechanical Engineering Bldg	Thomas, B

**462 Safety Anlys Nucl Reactor Sys** Credit: 3 or 4 hours.  
(CSE 362) Same as NPRE 457. See NPRE 457.

CRN	Type	Section	Time	Days	Location	Instructor
34530	lecture- discussion	D	03:00 PM - 03:50 PM	MWF	room 203 Nuclear Engineering Lab	Ragheb, M
34530: 3 hours Section restricted to undergraduates						
43216	lecture- discussion	D4	03:00 PM - 03:50 PM	MWF	room 203 Nuclear Engineering Lab	Ragheb, M
43216: 4 hours Section restricted to graduate students						

**521 Computer Architecture** Credit: 4 hours.  
(CSE 421) Same as ECE 511. See ECE 511.

CRN	Type	Section	Time	Days	Location	Instructor
37016	discussion- recitation	F	02:00 PM - 03:20 PM	MW	room 302 Architecture Bldg	Hwu, W

**524 Computer Systems Analysis** Credit: 4 hours.  
(CSE 424) Same as CS 541 and ECE 541. See CS 541.

CRN	Type	Section	Time	Days	Location	Instructor
35925	lecture- discussion	B	08:30 AM - 09:50 AM	MW	room 1302 Siebel Center for Comp Sci	Sanders, W

**527 Scientific Visualization** Credit: 4 hours.  
(CSE 427) Same as CS 519. See CS 519.

CRN	Type	Section	Time	Days	Location	Instructor
35909	lecture	P	11:00 AM - 12:15	TR	room 1111 Siebel	Hart, J

			PM		Center for Comp Sci	
--	--	--	----	--	---------------------	--

**529 Adv Topics in Software Eng** Credit: 4 hours.  
(CSE 429) Same as CS 527. See CS 527.

CRN	Type	Section	Time	Days	Location	Instructor
35916	lecture-discussion	S	02:00 PM - 03:15 PM	TR	room 1310 Digital Computer Laboratory	Adamczyk, P

**532 Numerical Circuit Analysis** Credit: 4 hours.  
(CSE 432) Same as ECE 552. See ECE 552.

CRN	Type	Section	Time	Days	Location	Instructor
37136	discussion-recitation	F	01:00 PM - 02:20 PM	MW	room 260 Everitt Elec and Comp Engr Lab	Wong, M

**542 Digital Signal Processing II** Credit: 4 hours.  
(CSE 442) Same as ECE 551. See ECE 551.

CRN	Type	Section	Time	Days	Location	Instructor
37134	discussion-recitation	F	03:00 PM - 04:50 PM	T	room 165 Everitt Elec and Comp Engr Lab	Moulin, P
	discussion-recitation	F	03:00 PM - 03:50 PM	R	room 165 Everitt Elec and Comp Engr Lab	Moulin, P

**543 Topics in Image Processing** Credit: 4 hours.  
(CSE 443) Same as ECE 547. See ECE 547.

CRN	Type	Section	Time	Days	Location	Instructor
37130	discussion-recitation	O	11:30 AM - 12:50 PM	TR	room 165 Everitt Elec and Comp Engr Lab	Huang, T