

Course Schedule - Fall 2004

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	lecture	AL1	02:00 PM - 02:50 PM	MWF	room 1131 Siebel Center for Comp Sci	Peiper, C
36129	laboratory-discussion	AY1	ARRANGED			
36130	laboratory-discussion	AY2	ARRANGED			

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 1320 Digital Computer Laboratory	Heath, M
36034: 3 hours						
36032	lecture-discussion	B4	09:00 AM - 09:50 AM	MWF	room 1320 Digital Computer Laboratory	Heath, M
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	Q3	11:00 AM - 12:15 PM	TR	room 1404 Siebel Center for Comp Sci	Ramos, E
35860: 3 hours						
35865	lecture-discussion	Q4	11:00 AM - 12:15 PM	TR	room 1404 Siebel Center for Comp Sci	Ramos, E
35865: 4 hours						

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
36083	lecture-discussion	MU3	09:30 AM - 10:45 AM	TR	room 1320 Digital Computer Laboratory	Torrellas, J
36083: 3 hours						
36086	lecture-discussion	XG	12:30 PM - 01:45 PM	WF	room 1109 Siebel Center for Comp Sci	Adve, S; Drexelius, C

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
36117	lecture-discussion	G4	10:00 AM - 10:50 AM	MWF	room 1404 Siebel Center for Comp Sci	Nahrstedt, K
36117: 4 hours						
36116	lecture-discussion	UG3	10:00 AM - 10:50 AM	MWF	room 1404 Siebel Center for Comp Sci	Nahrstedt, K
36116: 3 hours						

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	Wah, B

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	10:00 AM - 10:50 AM	MWF	room 1310 Digital Computer Laboratory	Polychronopoulos, C; Hou, J

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
36112	lecture-discussion	G4	12:30 PM - 01:45 PM	TR	room 1320 Digital Computer Laboratory	Johnson, R
36112: 4 hours						
36110	lecture-discussion	UG3	12:30 PM - 01:45 PM	TR	room 1320 Digital Computer Laboratory	Johnson, R
36110: 3 hours						
42463	lecture-discussion	V3	ARRANGED			Johnson, R
42463: 3 hours3 hours. Video section.						
42464	lecture-discussion	V4	ARRANGED			Johnson, R
42464: 4 hours4 hours. Video section.						

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

CRN	Type	Section	Time	Days	Location	Instructor
36124	lecture-discussion	G4	03:30 PM - 04:45 PM	TR	room 1404 Siebel Center for Comp Sci	Yu, Y
36122	lecture-discussion	UG3	03:30 PM - 04:45 PM	TR	room 1404 Siebel Center for Comp Sci	Yu, Y

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 241 Everitt Elec and Comp Engr Lab	Balachandar, S
35031: 3 hours						
41371	lecture-discussion	E4	01:00 PM - 01:50 PM	MWF	room 241 Everitt Elec and Comp Engr Lab	Balachandar, S
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 to 4 hours.
(CSE 362) Course Information: 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

485 Atomic Scale Simulations Credit: 3 or 4 hours.
(CSE 373) Same as MSE 485, and PHYS 466. See MSE 485.

CRN	Type	Section	Time	Days	Location	Instructor
38337	lecture	A	10:30 AM - 11:50 AM	TR	room 305 Materials Science and Eng Bld	Ceperley, D

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	09:30 AM - 10:50 AM	MWF	room 106B1 Engineering Hall	Sanders, W

526 Adv Topics in Compiler Constr Credit: 4 hours.
(CSE 426) Same as CS 526. See CS 526.

CRN	Type	Section	Time	Days	Location	Instructor
41046	lecture-discussion	D	11:00 AM - 12:15 PM	WF	room 1304 Siebel Center for Comp Sci	Padua, D

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	Johnson, R

530 Computational Electromagnetics Credit: 4 hours.
(CSE 430) Same as ECE 540. See ECE 540.

CRN	Type	Section	Time	Days	Location	Instructor
41047	lecture-discussion	R	01:30 PM - 02:50 PM	TR	room 241 Everitt Elec and Comp Engr Lab	Jin, J

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	02:00 PM - 02:50 PM	MWF	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