

Course Schedule - Spring 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
31277	lecture	AL1	02:00 PM - 02:50 PM	MWF	room 1103 Siebel Center for Comp Sci	Peiper, C
31279	laboratory-discussion	AY1	ARRANGED			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
31432	lecture-discussion	B3	09:00 AM - 09:50 AM	MWF	room 2251 Vet Med Basic Sciences Bldg	Bond, S
31432: 3 hours						
31434	lecture-discussion	B4	09:00 AM - 09:50 AM	MWF	room 2251 Vet Med Basic Sciences Bldg	Bond, S
31434: 4 hours						

402 **Intro to Parallel Programming** Credit: 3 or 4 hours.
(CSE 302) Same as CS 420 and ECE 492. See CS 420.

CRN	Type	Section	Time	Days	Location	Instructor
31372	lecture-discussion	D3	11:00 AM - 11:50 AM	MWF	room 1310 Digital Computer Laboratory	Padua, D
31372: 3 hours						
39738	lecture-discussion	D4	11:00 AM - 11:50 AM	MWF	room 1310 Digital Computer Laboratory	Padua, D
39738: 4 hours						

411 **Numerical Methods for PDEs** Credit: 3 or 4 hours.
 (CSE 311) Same as CS 455 and MATH 455. See CS 455.

CRN	Type	Section	Time	Days	Location	Instructor
39745	lecture-discussion	N3	12:30 PM - 01:45 PM	TR	room 1103 Siebel Center for Comp Sci	De Sturler, E
39745: 3 hours						
39746	lecture-discussion	N4	12:30 PM - 01:45 PM	TR	room 1103 Siebel Center for Comp Sci	De Sturler, E
39746: 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
31572	lecture-discussion	GR3	11:00 AM - 12:15 PM	TR	room 1302 Siebel Center for Comp Sci	Ramos, E
31572: 3 hours						
31576	lecture-discussion	GR4	11:00 AM - 12:15 PM	TR	room 1302 Siebel Center for Comp Sci	Ramos, E
31576: 4 hours						
31560	lecture-discussion	UG3	11:00 AM - 12:15 PM	TR	room 1404 Siebel Center for Comp Sci	Har-Peled, S
31560: 3 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
31408	lecture-discussion	S3	03:30 PM - 04:45 PM	TR	room 1320 Digital Computer Laboratory	Harrison, W
31408: 3 hours						

31409	lecture-discussion	S4	03:30 PM - 04:45 PM	TR	room 1320 Digital Computer Laboratory	Harrison, W
31409: 4 hours						

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
31380	lecture-discussion	C3	10:00 AM - 10:50 AM	MWF	room 1404 Siebel Center for Comp Sci	Campbell, R
31380: 3 hours						
31381	lecture-discussion	C4	10:00 AM - 10:50 AM	MWF	room 1404 Siebel Center for Comp Sci	Campbell, R
31381: 4 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
31386	lecture-discussion	T	03:30 PM - 04:45 PM	TR	room 1310 Digital Computer Laboratory	Gupta, I

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
31411	lecture-discussion	R	02:00 PM - 03:15 PM	TR	room 1404 Siebel Center for Comp Sci	Kravets, R; Luo, H
31411: 3 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
31363	lecture-discussion	T3	03:30 PM - 04:45 PM	TR	room 1404 Siebel Center for Comp Sci	Garland, M; Dong, S
31363: 3 hours						
31364	lecture-discussion	T4	03:30 PM - 04:45 PM	TR	room 1404 Siebel Center for Comp Sci	Garland, M; Dong, S
31364: 4 hours						

428 *Advanced Comp Graphics* Credit: 3 or 4 hours.
(CSE 328) Same as CS 419. See CS 419.

CRN	Type	Section	Time	Days	Location	Instructor
31369	lecture-discussion	C3	10:00 AM - 10:50 AM	MWF	room 1302 Siebel Center for Comp Sci	Hart, J
31369: 3 hours						
39735	lecture-discussion	C4	10:00 AM - 10:50 AM	MWF	room 1302 Siebel Center for Comp Sci	Hart, J
39735: 4 hours						

429 *Software Engineering, II* Credit: 3 or 4 hours.
(CSE 329) Same as CS 428. See CS 428.

CRN	Type	Section	Time	Days	Location	Instructor
31392	lecture-discussion	Q3	12:30 PM - 01:45 PM	TR	room 1310 Digital Computer Laboratory	Johnson, R
31392: 3 hours						
39742	lecture-discussion	Q4	12:30 PM - 01:45 PM	TR	room 1310 Digital Computer Laboratory	Johnson, R
39742: 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
33864	laboratory	AB1	ARRANGED			
33866	lecture	AL1	11:00 AM - 12:20 PM	MW	room 269 Everitt Elec and Comp Engr Lab	Carter, N

441 **Introduction to Optimization** Credit: 3 or 4 hours.
(CSE 341) Same as ECE 490. See ECE 490.

CRN	Type	Section	Time	Days	Location	Instructor
33980	discussion-recitation	P	11:30 AM - 12:50 PM	TR	room 165 Everitt Elec and Comp Engr Lab	Kumar, P

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
37474	lecture-discussion	B	09:00 AM - 09:50 AM	MWF	room 218 Mechanical Engineering Bldg	Geubelle, P

461 **Computational Aerodynamics** Credit: 3 or 4 hours.
(CSE 361) Same as AE 410. See AE 410.

CRN	Type	Section	Time	Days	Location	Instructor
29957	lecture-discussion	A	10:00 AM - 10:50 AM	MWF	room 225A Talbot Laboratory	Lee, K

491 **Computer Methods** Credit: 3 or 4 hours.
(CSE 315) Same as CEE 490. See CEE 490.

CRN	Type	Section	Time	Days	Location	Instructor
31739	lecture-discussion	TW3	03:00 PM - 04:20 PM	TR	room 1233 Newmark Civil Engineering Bldg	Dodds, R
31739: 3 hours						
40095	lecture-	TW4	03:00 PM - 04:20	TR	room 1233	Dodds, R

	discussion		PM		Newmark Civil Engineering Bldg	
40095: 4 hours						

517 *Adv Finite Element Methods* Credit: 4 hours.
(CSE 417) Same as TAM 574. See TAM 574.

CRN	Type	Section	Time	Days	Location	Instructor
39395	lecture	A	01:00 PM - 02:50 PM	TR	room 105 Talbot Laboratory	Haber, R

522 *Parallel Computer Architecture* Credit: 4 hours.
(CSE 422) Same as CS 533 and ECE 533. See CS 533.

CRN	Type	Section	Time	Days	Location	Instructor
31611	lecture-discussion	S	09:30 AM - 10:45 AM	TR	room 1109 Siebel Center for Comp Sci	Torrellas, J
31611: 4 hours						

528 *Computer Microarchitecture* Credit: 4 hours.
(CSE 428) Same as ECE 512. See ECE 512.

CRN	Type	Section	Time	Days	Location	Instructor
40217	lecture-discussion	G	03:00 PM - 04:20 PM	MW	room 252 Mechanical Engineering Bldg	Hwu, W
40217: 4 hours						

534 *Adv Theory Semicond & Devices* Credit: 4 hours.
(CSE 434) Same as ECE 539. See ECE 539.

CRN	Type	Section	Time	Days	Location	Instructor
40218	discussion-recitation	X	12:00 PM - 12:50 PM	MWF	room 170 Everitt Elec and Comp Engr Lab	Ravaioli, U
40218: 4 hours						

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

CRN	Type	Section	Time	Days	Location	Instructor
33997	discussion-recitation	R	01:30 PM - 02:50 PM	TR	room 260 Everitt Elec and Comp Engr Lab	Liang, Z

544 **Power System Dyn & Stability** Credit: 4 hours.
 (CSE 444) Same as ECE 576. See ECE 576.

CRN	Type	Section	Time	Days	Location	Instructor
40219	discussion-recitation	G	03:00 PM - 03:50 PM	MWF	room 245 Everitt Elec and Comp Engr Lab	Sauer, P
40219: 4 hours						

551 **Finite Element Methods** Credit: 4 hours.
 (CSE 451) Same as CEE 570. See CEE 570.

CRN	Type	Section	Time	Days	Location	Instructor
31750	lecture-discussion	D	11:00 AM - 11:50 AM	MWF	room 1520 Civil Eng Hydrosystems Lab	Paulino, G
31750: 4 hours						