

# Course Schedule - Fall 2006

## Computational Science and Engineering

401 **Intro to Numerical Analysis** Credit: 3 or 4 hours.  
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						

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

CRN	Type	Section	Time	Days	Location	Instructor
43366	lecture-discussion	UG3	11:00 AM - 12:15 PM	TR	room 1404 Siebel Center for Comp Sci	Erickson, J
43366: 3 hours This course is for UNDERGRADUATE students, only. Graduate students that are interested in this area should register for CS 475.						

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

CRN	Type	Section	Time	Days	Location	Instructor
36083	lecture-discussion	T3	09:30 AM - 10:45 AM	TR	room 1310 Digital Computer Laboratory	Torrellas, J
36083: 3 hours						
43364	lecture-discussion	T4	09:30 AM - 10:45 AM	TR	room 1310 Digital Computer Laboratory	Torrellas, J
43364: 4 hours						

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

CRN	Type	Section	Time	Days	Location	Instructor
36116	lecture-discussion	S3	10:00 AM - 10:50 AM	MWF	room 1304 Siebel Center for Comp Sci	Abdelzaher, T
36116: 3 hours						
36117	lecture-discussion	S4	10:00 AM - 10:50 AM	MWF	room 1304 Siebel Center for Comp Sci	Abdelzaher, T
36117: 4 hours						

**424 Distributed Systems** Credit: 3 hours.  
 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 1304 Siebel Center for Comp Sci	Gupta, I

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

CRN	Type	Section	Time	Days	Location	Instructor
36064	lecture-discussion	X	02:00 PM - 03:15 PM	WF	room 1105 Siebel Center for Comp Sci	Borisov, N
36064: 3 hours						

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

This course satisfies the General Education Criteria for a Advanced Composition course.

CRN	Type	Section	Time	Days	Location	Instructor
36110	lecture-discussion	S3	12:30 PM - 01:45 PM	TR	room 1310 Digital Computer Laboratory	Marinov, D

36110: Advanced Composition course.						
36110: 3 hours						
36112	lecture-discussion	S4	12:30 PM - 01:45 PM	TR	room 1310 Digital Computer Laboratory	Marinov, D
36112: Advanced Composition course.						
36112: 4 hours						

**427 Computer Graphics** Credit: 3 or 4 hours.  
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	Yu, Y
36122: 3 hours						
36124	lecture-discussion	P4	03:30 PM - 04:45 PM	TR	room 1404 Siebel Center for Comp Sci	Yu, Y
36124: 4 hours						

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

CRN	Type	Section	Time	Days	Location	Instructor
46825	lecture-discussion	C3	10:00 AM - 10:50 AM	MWF	room 1103 Siebel Center for Comp Sci	Forsyth, D
46825: 3 hours						
46826	lecture-discussion	C4	10:00 AM - 10:50 AM	MWF	room 1103 Siebel Center for Comp Sci	Forsyth, D
46826: 4 hours						

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

CRN	Type	Section	Time	Days	Location	Instructor
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48123	laboratory	AB1	ARRANGED			
36906	lecture	AL1	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.  
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.  
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.  
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.

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 106B8 Engineering Hall	Frank, M

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

CRN	Type	Section	Time	Days	Location	Instructor
35925	lecture-discussion	B	09:30 AM - 10:45 AM	TR	room 1302 Siebel Center for Comp Sci	Sanders, W; Nicol, D

**529 Adv Topics in Software Eng** Credit: 4 hours.  
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 1302 Siebel Center for Comp Sci	Johnson, R

**532 Numerical Circuit Analysis** Credit: 4 hours.  
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.  
Same as ECE 551. See ECE 551.

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

	discussion- recitation	F	03:00 PM - 04:50 PM	T	room 165 Everitt Elec and Comp Engr Lab	Jones, D
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543 **Topics in Image Processing** Credit: 4 hours.  
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	Fisher, L; Huang, T

566 **Numerical Fluid Dynamics** Credit: 4 hours.  
Same as ATMS 502 and CS 505. See ATMS 502.

CRN	Type	Section	Time	Days	Location	Instructor
37126	lecture- discussion	A	01:00 PM - 02:30 PM	TR	room 109 Atmospheric Sciences Bldg	Jewett, B