Date: 11/10/03

To: Department Chairs

From: Amy Hammett, University Registrar

Subject: **Summer and Fall 2004 Schedule of Classes Materials**

Enclosed are documents necessary for preparation of the **Summer and Fall 2004 Schedule of Classes.**

SPECIAL NOTE: Starting with Fall 2004 there will be a new University Community Hour on Fridays from 12:30pm-1:45pm into which no courses or exams may be scheduled The changes are as follows:

Courses currently taught at:	Should be moved to:
MWF 12:30p-1:20p	MW 12:30p-1:45p
MWF 1:30p-2:20p	MWF 2:00p-2:50p
MWF 2:30p-3:20p	MWF 3:00p-3:50p
MWF 3:30p-4:20p	MWF 3:00p-3:50p

Please edit any course times that do not fall within official time scheduling guidelines. **Courses offered to undergraduate students (and to students in the school of Graduate Studies) that do not fall within the official time scheduling guidelines must have special approval from the Dean's Office in which the course resides.** Courses scheduled in regular teaching blocks receive priority for classroom assignment. The Registrar's Office cannot guarantee classrooms will be available for courses scheduled at non-standard times.

Also, please make sure that your department's offerings represent 50 minutes of class time per week for each credit hour offered. In other words, each 3-credit class should meet a minimum of 150 minutes per week, each 4-credit class should meet a minimum of 200 minutes per week, etc. Also, scheduling of classes outside of the normal teaching blocks requires permission of the Provost.

The following items should be enclosed:

1) Printouts for courses taught in your department last summer/fall (*see next page for key to headings).

2) A blank course scheduling worksheet grid showing approved standard meeting times.

3) Course section addition forms for use in adding sections not shown on printout.

- These documents were prepared based on offerings from last year. Therefore, they may not contain sections for courses that have been approved or changed since that time. **Please be sure to add sections for courses that have been added or changed since last year.**

- If you would like to draw attention to a particular course in your department, add "SEMESTER SPOTLIGHT" as a comment to the section. (If this designation already appears and if it is no longer required, cross it off.)

- Please check with your instructors and note any special classroom features needed such as multimedia projectors. If you would like to see some of the technology features currently available in classrooms, please see the web site at: http://www.cwru.edu/its/itac/tec/.

The deadlines and contacts for returning these documents are as follows:

Departments under:	Return to:	Deadline:
Case School of Engineering	Carolyn Wilson, CSE, Nord Hall 500 - 7220	12/31/03
College of Arts and Sciences	Cynthia Stillwell, CAS, Crawford, 7th floor - 7068	12/31/03
Frances Payne Bolton School of Nursing	Charlene Quinn, 2121 Abington Rd. - 4904	12/31/03
Weatherhead School of Management	Marian Hogue, Peter B. Lewis 110, - 7235	Internal
Dental School	University Registrar's Office – 7042	12/31/03
Law School	University Registrar's Office – 7042	12/31/03
Medical Departments	University Registrar's Office - 7042	12/31/03

The final deadline for all documents to be returned to the Office of the University Registrar (by way of the contacts listed above) is January 23, 2004. Proofreading materials will be mailed to departments and deans offices (for course conflict checking) during February.

* key to headings on scheduling documents:

CRN	SUBJ	CRSE	CMT	TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR	BLDG ROOM	CAP
	①		②					③		④	

Prereq: ⑤
SEMESTER SPOTLIGHT ⑥
PERMIT ⑦   PRIOR ENROLLMENT: ⑧
START DATE: xx/xx/xx END DATE: xx/xx/xx ⑨
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F ⑩

①   subject and course number
②   course comment code
③   course enrollment limit; if nothing indicated, course has no enrollment limit
④   building and room where course will be taught
   - **Please indicate any required room features or special requests here**
⑤   course pre-requisites, if any
⑥   shows if the course should be included in the special "semester spotlight" section of the searchable schedule of classes
   - **Add/remove this comment as appropriate. No more than five courses per department may have this designation.**
⑦   if the course requires a permit, the word "PERMIT" will appear here
⑧   number of students enrolled in the course if it was offered in the same semester last year
⑨   course start and end date (defaults to standard calendar)
   - **Please let us know if your course is not being taught within the standard academic calendar dates**
⑩   If this course is recorded as pass/no pass or pass/fail grading only, a statement will appear here

cc: R. Savinell, S. Russ, M. Robinson, B. Sciulli, H. Chodosh

Case Western Reserve University
Fall and Spring Course Time Slots (as of Fall 2004)

	Monday	Tuesday	Wednesday	Thursday	Friday
8:30	8:30-9:20	8:30-9:45	8:30-9:20	8:30-9:45	8:30-9:20
9:30	9:30-10:20		9:30-10:20		9:30-10:20
		10:00-11:15		10:00-11:15	
10:30	10:30-11:20		10:30-11:20		10:30-11:20
11:30	11:30-12:20	"4th credit hour" *	11:30-12:20	"Provost's Hour" *	11:30-12:20
12:30	12:30-1:45		12:30-1:45		"University Community Hour"
1:30		1:15-2:30		1:15-2:30	
	2:00-2:50		2:00-2:50		2:00-2:50
2:30		2:45-4:00		2:45-4:00	
	3:00-3:50		3:00-3:50		3:00-3:50
3:30					
	4:00-4:50		4:00-4:50		4:00-4:50
4:30		4:30-5:45		4:30-5:45	
5:30					

* Prior approval is required to schedule classes on Tuesdays between 11:15a and 1:15p.
No classes may be scheduled on Thursdays between 11:15a and 1:15p or on Fridays between 12:30p and 2:00p.
No required academic activity is permitted on Fridays between 12:30p and 2:00p.

Summer Course Time Slots (eight week session)
Three credit hour courses to meet four times per week within the following blocks:

1	9:00a - 10:20a
2	10:30a - 11:50a
3	1:00p - 2:20p
4	2:30p - 3:50p
5	4:00p - 5:20p
6	6:00p - 7:20p

Office of the University Registrar
Course Section Addition Form

SEMESTER: FALL   SPRING   SUMMER   **YEAR:** 20_____

SUBJECT/COURSE: _____   **PAGE __ OF __**

TITLE: _____
(topics courses only—limit 30 characters including spaces)

CREDIT HOURS: _____

ENROLLMENT LIMIT: _____   **EST. EXPECTED ENROLLMENT:** _____

PERMIT REQUIRED? Y   N

CROSS LISTING(S): _____   _____   _____   _____
     (scheduling department must coordinate offerings with cross-listing department(s))

DAYS1: M   T   W   R   F   S   **TIME1:** _____ TO _____   **LOCATION:** _____
DAYS2: M   T   W   R   F   S   **TIME2:** _____ TO _____   **LOCATION:** _____
DAYS3: M   T   W   R   F   S   **TIME3:** _____ TO _____   **LOCATION:** _____

INSTRUCTORS: _____

_____

_____

SPECIAL NOTES/COMMENTS: _____

_____

_____

_____

_____	_____
Date	Scheduling Officer

New Instructor Addition Form

Department: _____   Semester/Year: _____

Instructor - Last Name, First Name   Social Security Number

Instructor - Last Name, First Name   Social Security Number

Instructor - Last Name, First Name   Social Security Number

Instructor - Last Name, First Name   Social Security Number

Instructor - Last Name, First Name   Social Security Number

Instructor - Last Name, First Name   Social Security Number

Instructor - Last Name, First Name   Social Security Number

Instructor - Last Name, First Name   Social Security Number

Department Approval:

Name (Print)   Signature   Date

Dean's Office Approval:

Name (Print)   Signature   Date

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP

****** ELECTRICAL ENGR & COMPUTER SCI ******

| 97874 | EECS | 212 | | INTR TO SIG SYS AND CONT | 3.0 | **M W F | 0200-0250PM | | LOPARO, KENNETH A. | NORD | 410 | 80 |

Prereq: MATH 224.

PRIOR ENROLLMENT: 51

START DATE: 08/23/04   END DATE: 12/15/04

| 97908 | EECS | 214 | | SIGNALS AND SYSTEMS LAB | 1.0 | M | 0300-0500PM | 12 | LOPARO, KENNETH A. | OLIN | 614 | 20 |

Coreq: EECS 212.

PRIOR ENROLLMENT: 11

START DATE: 08/23/04   END DATE: 12/15/04

| 97931 | EECS | 214 | | SIGNALS AND SYSTEMS LAB | 1.0 | T | 1100-0100PM | 12 | LOPARO, KENNETH A. | OLIN | 614 | 20 |

Coreq: EECS 212.

PRIOR ENROLLMENT: 13

START DATE: 08/23/04   END DATE: 12/15/04

| 97962 | EECS | 214 | | SIGNALS AND SYSTEMS LAB | 1.0 | W | 0100-0300PM | 12 | LOPARO, KENNETH A. | OLIN | 614 | 20 |

Coreq: EECS 212.

PRIOR ENROLLMENT: 0

START DATE: 08/23/04   END DATE: 12/15/04

| 97883 | EECS | 214 | | SIGNALS AND SYSTEMS LAB | 1.0 | W | 0500-0700PM | 12 | LOPARO, KENNETH A. | OLIN | 614 | 20 |

Coreq: EECS 212.

PRIOR ENROLLMENT: 14

START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
97945	EECS	214		SIGNALS AND SYSTEMS LAB	1.0	R	0500-0700PM	12	LOPARO, KENNETH A.	OLIN	614	20

Coreq: EECS 212.

PRIOR ENROLLMENT: 12

START DATE: 08/23/04   END DATE: 12/15/04

| 96523 | EECS | 233 | | INTRO DATA STRUCTURES | 4.0 | T R | 0245-0400PM | | LIBERATORE, VINCENZO | NORD | 410 | 80 |

Prereq: ENGR 131.

PRIOR ENROLLMENT: 54

START DATE: 08/23/04   END DATE: 12/15/04

| 97058 | EECS | 246 | | SIGNALS AND SYSTEMS | 4.0 | **M W F | 0200-0250PM | | BRANICKY, MICHAEL STEPHEN | WICK | 322 | 90 |
| | | | | | | T | 0430-0545PM | | | WICK | 322 | 90 |

Prereq: ENGR 210 and MATH 224.

PRIOR ENROLLMENT: 54

START DATE: 08/23/04   END DATE: 12/15/04

| 96558 | EECS | 281 | | LOGIC DESIGN AND COMPUTER ORG | 4.0 | T R | 1000-1115AM | 30 | EMELKO, GLENN A | ROCK | 301 | 200 |
| | | | | | | M | 1130-1220PM | | | OLIN | 314 | 32 |

Prereq: ENGR 131.

PRIOR ENROLLMENT: 4

START DATE: 08/23/04   END DATE: 12/15/04

| 96560 | EECS | 281 | | LOGIC DESIGN AND COMPUTER ORG | 4.0 | T R | 1000-1115AM | 30 | EMELKO, GLENN A | ROCK | 301 | 200 |
| | | | | | | M | 0130-0220PM | | | OLIN | 314 | 32 |

Prereq: ENGR 131.

PRIOR ENROLLMENT: 12

START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
96585	EECS	281		LOGIC DESIGN AND COMPUTER ORG	4.0	T R	1000-1115AM	30	EMELKO, GLENN A	ROCK	301	200
						T	0115-0205PM			OLIN	314	32

Prereq: ENGR 131.

PRIOR ENROLLMENT: 30

START DATE: 08/23/04   END DATE: 12/15/04

96606	EECS	281		LOGIC DESIGN AND COMPUTER ORG	4.0	T R	1000-1115AM	30	EMELKO, GLENN A	ROCK	301	200
						T	0430-0520PM			OLIN	314	32

Prereq: ENGR 131.

PRIOR ENROLLMENT: 19

START DATE: 08/23/04   END DATE: 12/15/04

96635	EECS	281		LOGIC DESIGN AND COMPUTER ORG	4.0	T R	1000-1115AM	30	EMELKO, GLENN A	ROCK	301	200
						W	1030-1120AM			OLIN	314	32

Prereq: ENGR 131.

PRIOR ENROLLMENT: 15

START DATE: 08/23/04   END DATE: 12/15/04

96653	EECS	281		LOGIC DESIGN AND COMPUTER ORG	4.0	T R	1000-1115AM	30	EMELKO, GLENN A	ROCK	301	200
						W	1130-1220PM			OLIN	314	32

Prereq: ENGR 131.

PRIOR ENROLLMENT: 5

START DATE: 08/23/04   END DATE: 12/15/04

V1245	EECS	290		SPECIAL TOPICS	1.0 - 18.0				STAFF			

Prereq: Consent of instructor.

PRIOR ENROLLMENT: 0

START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
96664	EECS	301		DIGITAL LOGIC LABORATORY	2.0	F	0330-0420PM	52	SAAB, DANIEL	GLEN	308	56

Prereq: EECS 281.

PRIOR ENROLLMENT: 27

START DATE: 08/23/04   END DATE: 12/15/04

| 96700 | EECS | 318 | | VLSI/CAD | 4.0 | T R | 0430-0545PM | | SAAB, DANIEL | OLIN | 313 | 50 |

Prereq: EECS 281 and EECS 321.

PRIOR ENROLLMENT: 24

START DATE: 08/23/04   END DATE: 12/15/04

| 97106 | EECS | 322 | | INTEGRATED CIRC/ELECT DEVICES | 3.0 | M W F | 0930-1020AM | | ZORMAN, CHRISTIAN AARON | WHTE | 324 | 48 |

Prereq: EECS 321.

TAUGHT WITH EECS 415.

PRIOR ENROLLMENT: 10

START DATE: 08/23/04   END DATE: 12/15/04

| 97986 | EECS | 324 | | SIMULATION TECHNIQUES IN ENGR | 3.0 | W | 0600-0830PM | | BUCHNER, MARC | WICK | 306 | 40 |

Coreq: ENGL 398.

PRIOR ENROLLMENT: 28

START DATE: 08/23/04   END DATE: 12/15/04

| 96725 | EECS | 337 | | SYSTEMS PROGRAMMING | 4.0 | **M W F | 0200-0250PM | | ERNST, GEORGE W. | BAKE | HATC | |

Prereq: EECS 233 and EECS 281.

PRIOR ENROLLMENT: 59

START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP

96733 EECS 340   ALGORITHMS & DATA STRUCTURES   3.0   M W F   0930-1020AM   35 SAHINALP, CENK   WICK 322   90

Prereq: EECS 233 and MATH 304.
                                             PRIOR ENROLLMENT: 41
START DATE: 08/23/04   END DATE: 12/15/04

80323 EECS 341   INTRO TO DATABASE SYSTEMS   3.0   T R   0415-0530PM   35 OZSOYOGLU, GULTEKIN   BING 204   58

Prereq: EECS 233.
                                             PRIOR ENROLLMENT: 46
START DATE: 08/23/04   END DATE: 12/15/04

97990 EECS 342   INTRODUCTION TO GLOBAL ISSUES 3.0   T   0600-0830PM   MESAROVIC, MIHAJLO D.   WHTE 411   97
                                             PRIOR ENROLLMENT: 44
START DATE: 08/23/04   END DATE: 12/15/04

80337 EECS 345   PROGRAMMING LANGUAGE CONCEPTS 3.0   T R   0115-0230PM   BEER, RANDALL DEAN   WHTE 411   97

Prereq: EECS 233, EECS 337.
                   EECS 345 WILL NOT BE OFFERED SPRING 2004 SEMESTER.
                                             PRIOR ENROLLMENT: 37
START DATE: 08/23/04   END DATE: 12/15/04

97119 EECS 351   COMMUNICATIONS & SIGNAL ANALYS 3.0   M W   0430-0545PM   HAZONY, DOV   OLIN 313   50

Prereq: EECS 246 or equivalent.
                                             PRIOR ENROLLMENT: 24
START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
98019	EECS	352		ENGR ECON AND DEC MAKING	3.0	T R	0245-0400PM	97	MALAKOOTI, BEHNAM	WHTE	411	97

MECHANICAL ENGINEERS CAN TAKE EECS 360 (MANUF OPERATIONS
AND AUTOMATED SYSTEMS) INSTEAD OF EECS 352.

PRIOR ENROLLMENT: 70

START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
83674	EECS	360		MFG OPERATIONS & AUTOMATED SYS	3.0	M	0530-0800PM		MALAKOOTI, BEHNAM	WHTE	411	97

Prereq: Junior or senior level standing in engineering or consent of instructor.

PRIOR ENROLLMENT: 14

START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
96766	EECS	375	X	AUTONOMOUS ROBOTICS	3.0	T R	0830-1115AM	20	BEER, RANDALL DEAN DRUSHEL, RICHARD FREDERICK	OLIN	803	36

Prereq: Consent of instructor.
                XLIST: BIOL 375
PERMIT   PRIOR ENROLLMENT: 25
START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
83669	EECS	382		MICROPROCESSOR - BASED DESIGN	3.0	T R	1000-1115AM		SCHULTZ, WILLIAM LOUIS	WHTE	322	29

Prereq: ENGR 210 and EECS 281.

PRIOR ENROLLMENT: 17

START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
V6702	EECS	396L		SPECIAL TOPICS	1.0 - 6.0	TBA			STAFF			

PRIOR ENROLLMENT: 0

START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
V6703	EECS	396N		SPECIAL TOPICS	1.0 - 18.0	TBA			STAFF			

PRIOR ENROLLMENT: 0

START DATE: 08/23/04   END DATE: 12/15/04

| V7506 | EECS | 397L | | SPEC TOPICS IN ELECTRICAL ENGR | 1.0 - 6.0 | TBA | | | STAFF | | | |

Prereq: Consent of instructor.

PRIOR ENROLLMENT: 0

START DATE: 08/23/04   END DATE: 12/15/04

| 05099 | EECS | 397L | | TPC:EMERG BIO & QUANTUM COMPU | 1.0 - 6.0 | M W F | 1130-1220PM | | TABIB-AZAR, M | WICK | 306 | 40 |

Prereq: Consent of instructor.

PRIOR ENROLLMENT: 6

START DATE: 08/23/04   END DATE: 12/15/04

| 97547 | EECS | 398L | | SENIOR PROJECT IN ELEC ENGR I | 4.0 | M W | 1230-0120PM | | SREENATH, NARASINGARAO | WHTE | 411 | 97 |

PRIOR ENROLLMENT: 13

START DATE: 08/23/04   END DATE: 12/15/04

| 96782 | EECS | 398M | | SOFTWARE ENGINEERING | 3.0 | T R | 0245-0400PM | | PODGURSKI, H.A. | BAKE | HATC | |

Prereq: EECS 337.

PRIOR ENROLLMENT: 33

START DATE: 08/23/04   END DATE: 12/15/04

| 98041 | EECS | 398N | K | ENGINEERING PROJECTS I | 4.0 | M W | 1230-0120PM | | SREENATH, NARASINGARAO | WHTE | 411 | 97 |

Prereq: Senior standing.

PRIOR ENROLLMENT: 3

START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
=====	======	======	=====	==============	======	========	======	=====	===============	======	======	=====
97572	EECS	399L		SENIOR PROJ IN ELEC ENGR II	4.0	M W	1230-0120PM		SREENATH, NARASINGARAO	WHTE	411	97

Prereq: EECS 398L (or concur).

PRIOR ENROLLMENT: 5

START DATE: 08/23/04   END DATE: 12/15/04

| 81492 | EECS | 399M | N | COMPUTER ENG DESIGN PROJECT | 4.0 | M W | 1230-0120PM | | SREENATH, NARASINGARAO | WHTE | 411 | 97 |

Prereq: Senior standing.
                    ONLY FOR COMPUTER ENGINEERING STUDENTS PLANNING TO GRADUATE
                    IN JANUARY 2004.
PERMIT   PRIOR ENROLLMENT: 17
START DATE: 08/23/04   END DATE: 12/15/04

| 98053 | EECS | 399N | | ENGINEERING PROJECTS II | 4.0 | M W | 1230-0120PM | | SREENATH, NARASINGARAO | WHTE | 411 | 97 |

Prereq: Senior standing.

PRIOR ENROLLMENT: 2

START DATE: 08/23/04   END DATE: 12/15/04

| 96817 | EECS | 400T | | GRADUATE TEACHING I | 0.0 | TBA | | | WHITE, LEE J. | | | |

Prereq: Ph.D. student in EECS department.

PRIOR ENROLLMENT: 17

START DATE: 08/23/04   END DATE: 12/15/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

| 98070 | EECS | 401 | | DIGITAL SIGNAL PROCESSING | 3.0 | T R | 0830-0945AM | | BUCHNER, MARC | OLIN | 314 | 32 |

Prereq: EECS 313.

PRIOR ENROLLMENT: 20

START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
96826	EECS	405		DATA STRUCTURES & FILES	3.0	T R	0415-0530PM	25	OZSOYOGLU, MERAL	WHTE	322	29

Prereq: EECS 233 and MATH 304.

PRIOR ENROLLMENT: 11

START DATE: 08/23/04   END DATE: 12/15/04

| 98101 | EECS | 408 | | INTRO TO LINEAR SYSTEMS | 3.0 | M W | 0330-0445PM | | LOPARO, KENNETH A. | WICK | 317 | 49 |

Prereq: EECS 304.

PRIOR ENROLLMENT: 18

START DATE: 08/23/04   END DATE: 12/15/04

| 83652 | EECS | 412 | | ELECTROMAGNETIC FIELDS III | 3.0 | **M W F | 0200-0250PM | | MERAT, FRANCIS L. | WHTE | 322 | 29 |

PRIOR ENROLLMENT: 5

START DATE: 08/23/04   END DATE: 12/15/04

| 97591 | EECS | 415 | | INTEGR CIRCUIT TECHNOLOGY I | 3.0 | M W F | 0930-1020AM | | ZORMAN, CHRISTIAN AARON | WHTE | 324 | 48 |

Prereq: EECS 322.

TAUGHT WITH EECS 322.

PRIOR ENROLLMENT: 9

START DATE: 08/23/04   END DATE: 12/15/04

| 98116 | EECS | 416 | | OPTIMIZATION THEORY & TECHNIQ | 3.0 | T R | 0600-0715PM | | CHANKONG, VIRA | OLIN | 313 | 50 |

Prereq: MATH 201 or equivalent.

PRIOR ENROLLMENT: 13

START DATE: 08/23/04   END DATE: 12/15/04

| CRN | SUBJ | CRSE | CMT | COURSE TITLE | CRHR | DAY(S) | TIME | LMT | INSTRUCTOR(S) | BLDG | ROOM | CAP |
|=====|======|======|=====|==============================|===========|========|============|=====|================================|======|=======|=====|

96843 EECS 419   COMPUTER SYSTEM ARCHITECTURE 3.0   M   0600-0830PM   PAPACHRISTOU, CHRISTOS A. OLIN 313   50
Prereq: EECS 338.
                                                                     PRIOR ENROLLMENT: 31
START DATE: 08/23/04   END DATE: 12/15/04

96865 EECS 423   DISTRIBUTED SYSTEMS   3.0   T R   1000-1115AM   PODGURSKI, H.A.   OLIN 314   32
Prereq: EECS 338.
                                                                     PRIOR ENROLLMENT: 25
START DATE: 08/23/04   END DATE: 12/15/04

82080 EECS 424   X INTRODUCTION TO NANOTECHNOLOGY 3.0   M W   0130-0245PM   ABRAMSON, ALEXIS   GLEN 421   90
                 XLIST: EMAE 424   ZORMAN, CHRISTIAN AARON
                                                                     PRIOR ENROLLMENT: 23
START DATE: 08/23/04   END DATE: 12/15/04

80346 EECS 425   COMPUTER COMMUNICATION NETWORK 3.0   **M W F 0300-0350PM   30 ERGUN, FUNDA   OLIN 313   50
Prereq: EECS 338.
                                                                     PRIOR ENROLLMENT: 33
START DATE: 08/23/04   END DATE: 12/15/04

97621 EECS 426   MOS INTEGRATED CIRCUIT DESIGN 3.0   T R   0115-0230PM   GARVERICK, STEVE   WHTE 322   29
Prereq: EECS 344 and EECS 321.
                                                                     PRIOR ENROLLMENT: 13
START DATE: 08/23/04   END DATE: 12/15/04

| CRN | SUBJ | CRSE | CMT | COURSE TITLE | CRHR | DAY(S) | TIME | LMT | INSTRUCTOR(S) | BLDG | ROOM | CAP |
|=====|======|======|=====|==============================|==========|========|============|=====|=============================|======|======|=====|

97673 EECS 427   MEMS FOR SENSING AND COMMUNICA 3.0   T R   0245-0400PM   YOUNG, DARRIN   GLEN 519E 999
                                                              PRIOR ENROLLMENT: 8
START DATE: 08/23/04   END DATE: 12/15/04

80358 EECS 428   WEB COMPUTING   3.0   **M W F 0200-0250PM   LIBERATORE, VINCENZO   BING 305 40

Coreq: EECS 425 or permission of instructor.
                                                              PRIOR ENROLLMENT: 15
START DATE: 08/23/04   END DATE: 12/15/04

96880 EECS 431   SOFTWARE ENGINEERING   3.0   W   0600-0830PM   WHITE, LEE J.   OLIN 314 32

Prereq: EECS 337.
                                                              PRIOR ENROLLMENT: 22
START DATE: 08/23/04   END DATE: 12/15/04

96904 EECS 433   DATABASE SYSTEMS   3.0   T R   0115-0230PM   OZSOYOGLU, GULTEKIN   WICK 306 40

Prereq: EECS 341 and MATH 304.
                                                              PRIOR ENROLLMENT: 10
START DATE: 08/23/04   END DATE: 12/15/04

97703 EECS 452   RANDOM SIGNALS   3.0   T R   0415-0530PM   STAFF   BING 304 40
                    THIS CLASS WILL BE OFFERED IN SPRING 2004 SEMESTER.
                                                              PRIOR ENROLLMENT: 0
START DATE: 08/23/04   END DATE: 12/15/04

83683 EECS 460   MFG OPERATIONS & AUTOMATED SYS 3.0   M   0530-0800PM   MALAKOOTI, BEHNAM   WHTE 411 97

Prereq: Consent of instructor.
                                                              PRIOR ENROLLMENT: 3
START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
96928	EECS	475	X	AUTONOMOUS ROBOTICS	3.0	T R	0830-1115AM	3	BEER, RANDALL DEAN DRUSHEL, RICHARD FREDERICK BUCHNER, MARC	OLIN	803	36

Prereq: Consent of instructor.
XLIST: BIOL 475
PERMIT   PRIOR ENROLLMENT: 4
START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
96932	EECS	484		COMPUTATIONAL INTELLIGENCE I	3.0	T R	0115-0230PM		NEWMAN, WYATT S.	BAKE	16	30

PRIOR ENROLLMENT: 20
START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
96949	EECS	484	N	COMPUTATIONAL INTELLIGENCE I	3.0	T R	0115-0230PM		NEWMAN, WYATT S.	BAKE	16	30

PERMIT CARDS MAY OBTAINED FROM GLEN 312.
THIS COURSE SECTION ONLY FOR STUDENTS IN THE INSTRUCTIONAL
TELEVISION NETWORK PROGRAM.
PERMIT   PRIOR ENROLLMENT: 2
START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
96987	EECS	485		VLSI SYSTEMS	3.0	W	0600-0830PM		SAAB, DANIEL	OLIN	313	50

PRIOR ENROLLMENT: 26
START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
79944	EECS	489	X	ROBOTICS I	3.0	M W	0430-0545PM		CAVUSOGLU, CENK	GLEN	716	40

Prereq: EMAE 181.
XLIST: EMAE 489
PRIOR ENROLLMENT: 7
START DATE: 08/23/04   END DATE: 12/15/04

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CRN    SUBJ CRSE CMT COURSE TITLE                     CRHR         DAY(S)  TIME        LMT  INSTRUCTOR(S)                  BLDG ROOM  CAP
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96993 EECS 491   INTELLIGENT SYSTEMS I   3.0   **M W   0300-0350PM   ERNST, GEORGE W.   OLIN 313   50
                                                                  PRIOR ENROLLMENT: 25

START DATE: 08/23/04   END DATE: 12/15/04

97840 EECS 500   EECS COLLOQUIUM   0.0   T R   1130-1230PM   LIBERATORE, VINCENZO   WHTE 411   97
                                                                  PRIOR ENROLLMENT: 115

START DATE: 08/23/04   END DATE: 12/15/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

97009 EECS 500T   GRADUATE TEACHING II   0.0   TBA   WHITE, LEE J.

Prereq: Ph.D. student in EECS department.
                                                                  PRIOR ENROLLMENT: 1
START DATE: 08/23/04   END DATE: 12/15/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

97014 EECS 550 X NEUROMECHANICS SEMINAR   0.0   M   1230-0120PM   RITZMANN, ROY E.   DGRC 312   150
                   XLIST: EBME 550
                                                                  PRIOR ENROLLMENT: 5
START DATE: 08/23/04   END DATE: 12/15/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

77307 EECS 600   TPC:EMERG BIO & QUANTUM COMPU   1.0 - 18.0 M W F   1130-1220PM   TABIB-AZAR, M   WICK 306   40
                   TOPIC: EMERGING BIO AND QUANTUM COMPUTING TECHNIQUES.
                                                                  PRIOR ENROLLMENT: 7
START DATE: 08/23/04   END DATE: 12/15/04

97023 EECS 600T   GRADUATE TEACHING III   0.0   TBA   WHITE, LEE J.

Prereq: Ph.D. student in EECS department.
                                                                  PRIOR ENROLLMENT: 11
START DATE: 08/23/04   END DATE: 12/15/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP

V4512 EECS 601   INDEPENDENT STUDY   1.0 - 18.0 TBA   STAFF
                                                             PRIOR ENROLLMENT: O
START DATE: 08/23/04   END DATE: 12/15/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

85457 EECS 601   INDEPENDENT STUDY   1.0 - 18.0   KINMAN, PETER W.
                                                             PRIOR ENROLLMENT: 2
START DATE: 08/23/04   END DATE: 12/15/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

V4514 EECS 602   ADVANCED PROJECTS LAB   1.0 - 18.0 TBA   STAFF
                                                             PRIOR ENROLLMENT: O
START DATE: 08/23/04   END DATE: 12/15/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

V8204 EECS 620   SPECIAL TOPICS   1.0 - 18.0 TBA   STAFF
                                                             PRIOR ENROLLMENT: O
START DATE: 08/23/04   END DATE: 12/15/04

V8024 EECS 621   SPECIAL PROJECTS   1.0 - 18.0 TBA   STAFF
                                                             PRIOR ENROLLMENT: O
START DATE: 08/23/04   END DATE: 12/15/04

V5304 EECS 649   PROJECT (M.S.)   1.0 - 9.0 TBA   STAFF
                                                             PRIOR ENROLLMENT: O
START DATE: 08/23/04   END DATE: 12/15/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
V4301	EECS	651		THESIS M.S.	1.0 - 18.0	TBA			STAFF			

START DATE: 08/23/04   END DATE: 12/15/04   PRIOR ENROLLMENT: O

| V4304 | EECS | 701 | | DISSERTATION PH.D. | 1.0 - 18.0 | TBA | | | STAFF | | | |

START DATE: 08/23/04   END DATE: 12/15/04   PRIOR ENROLLMENT: O

| V1716 | EECS | 703 | | DISSERTATION FELLOWSHIP | 1.0 - 8.0 | TBA | | | STAFF | | | |

START DATE: 08/23/04   END DATE: 12/15/04   PRIOR ENROLLMENT: O

| CRN | SUBJ CRSE | CMT | COURSE TITLE | CRHR | DAY(S) | TIME | LMT | INSTRUCTOR(S) | BLDG ROOM | CAP |
|=====|====|====|==============================|==========|======|==========|===|==============================|=====|===|

****** ELECTRICAL ENGR & COMPUTER SCI ******

32218 EECS 233   INTRO DATA STRUCTURES   4.0   TW F   0100-0220PM   WHITE, LEE J.   OLIN 313   50

Prereq: ENGR 131.
                    LAB TBA.
                                                                    PRIOR ENROLLMENT: 7
START DATE: 06/01/04   END DATE: 07/27/04

32272 EECS 246   SIGNALS AND SYSTEMS   4.0   TW   0600-0810PM   BUCHNER, MARC   OLIN 313   50

Prereq: ENGR 210 and MATH 224.
                    THERE WILL BE A SEPARATE 1 HOUR RECITATION AT A TIME TBD.
                    6 WEEK SESSION: 6/16/03 - 7/28/03.
                                                                    PRIOR ENROLLMENT: 13
START DATE: 06/01/04   END DATE: 07/27/04

32220 EECS 281   LOGIC DESIGN AND COMPUTER ORG   4.0   T R   1030-1120AM   MERAT, FRANCIS L.   WHTE 324   48
                                                        T R   0100-0220PM   EMELKO, GLENN A   WHTE 324   48

Prereq: ENGR 131.
                    LAB TBA.
                                                                    PRIOR ENROLLMENT: 9
START DATE: 06/01/04   END DATE: 07/27/04

35008 EECS 354   DIGITAL COMMUNICATIONS   3.0   T R   0900-1110AM   HOWARD, PATRICK MICHAEL   BING 304   40

Prereq: EECS 351 recommended.
                                                                    PRIOR ENROLLMENT: 0
START DATE: 06/01/04   END DATE: 07/27/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
V3104	EECS	396N		SPECIAL TOPICS	1.0 - 18.0	TBA			STAFF			

START DATE: 06/01/04   END DATE: 07/27/04   PRIOR ENROLLMENT: 0

| V4500 | EECS | 397L | | SPEC TOPICS IN ELECTRICAL ENGR | 1.0 - 6.0 | TBA | | | STAFF | | | |

Prereq: Consent of instructor.

START DATE: 06/01/04   END DATE: 07/27/04   PRIOR ENROLLMENT: 0

| 32254 | EECS | 398L | | SENIOR PROJECT IN ELEC ENGR I | 4.0 | F | 1100-1200N | | MERAT, FRANCIS L. | GLEN | 516 | 40 |

CLASS WILL MEET IN PROF. MERAT'S OFFICE.

START DATE: 06/01/04   END DATE: 07/27/04   PRIOR ENROLLMENT: 3

| 32289 | EECS | 398M | | SOFTWARE ENGINEERING | 3.0 | TWR | 0230-0355PM | | PODGURSKI, H.A. | WICK | 301 | 40 |

Prereq: EECS 337.

START DATE: 06/01/04   END DATE: 07/27/04   PRIOR ENROLLMENT: 3

| 32263 | EECS | 398N | | ENGINEERING PROJECTS I | 4.0 | TBA | | | MERAT, FRANCIS L. | | | |

Prereq: Senior standing.

START DATE: 06/01/04   END DATE: 07/27/04   PRIOR ENROLLMENT: 0

| 32247 | EECS | 399L | | SENIOR PROJ IN ELEC ENGR II | 4.0 | F | 1100-1200N | | MERAT, FRANCIS L. | GLEN | 516 | 40 |

Prereq: EECS 398L (or concur).

CLASS WILL MEET IN PROF. MERAT'S OFFICE.

PRIOR ENROLLMENT: 3

START DATE: 06/01/04   END DATE: 07/27/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
36173	EECS	399M		COMPUTER ENG DESIGN PROJECT	4.0	F	1100-1200N		MERAT, FRANCIS L.	GLEN	516	40

Prereq: Senior standing.

PRIOR ENROLLMENT: 1

START DATE: 06/01/04   END DATE: 07/27/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
32236	EECS	399N		ENGINEERING PROJECTS II	4.0	F	1100-1200N		MERAT, FRANCIS L.	GLEN	516	40

Prereq: Senior standing.
                    CLASS WILL MEET IN PROF. MERAT'S OFFICE.

PRIOR ENROLLMENT: 0

START DATE: 06/01/04   END DATE: 07/27/04

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
33724	EECS	500T		GRADUATE TEACHING II	0.0	TBA			STAFF			

Prereq: Ph.D. student in EECS department.

PRIOR ENROLLMENT: 0

START DATE: 06/01/04   END DATE: 07/27/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
V6103	EECS	601		INDEPENDENT STUDY	1.0 - 18.0	TBA			STAFF			

PRIOR ENROLLMENT: 0

START DATE: 06/01/04   END DATE: 07/27/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

CRN	SUBJ	CRSE	CMT	COURSE TITLE	CRHR	DAY(S)	TIME	LMT	INSTRUCTOR(S)	BLDG	ROOM	CAP
V5405	EECS	602		ADVANCED PROJECTS LAB	1.0 - 18.0	TBA			STAFF			

PRIOR ENROLLMENT: 0

START DATE: 06/01/04   END DATE: 07/27/04
THIS COURSE MAY BE GRADED ONLY P/NP OR P/F.

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CRN   SUBJ CRSE CMT COURSE TITLE                          CRHR         DAY(S)  TIME         LMT  INSTRUCTOR(S)                  BLDG ROOM  CAP
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V3206 EECS 621     SPECIAL PROJECTS                   1.0 - 18.0 TBA                          STAFF
                                                                  PRIOR ENROLLMENT:     0
START DATE: 06/01/04          END DATE: 07/27/04


V3802 EECS 649     PROJECT (M.S.)                     1.0 -  9.0 TBA                          STAFF
                                                                  PRIOR ENROLLMENT:     0
START DATE: 06/01/04          END DATE: 07/27/04


V6405 EECS 651     THESIS M.S.                        1.0 - 18.0 TBA                          STAFF
                                                                  PRIOR ENROLLMENT:     0
START DATE: 06/01/04          END DATE: 07/27/04


V6409 EECS 701     DISSERTATION PH.D.                 1.0 - 18.0 TBA                          STAFF
                                                                  PRIOR ENROLLMENT:     0
START DATE: 06/01/04          END DATE: 07/27/04


V7016 EECS 703     DISSERTATION FELLOWSHIP            1.0 -  8.0 TBA                          STAFF
                                                                  PRIOR ENROLLMENT:     0
START DATE: 06/01/04          END DATE: 07/27/04
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