

**MPC79 University Info, 10-31-79:**

## INFORMATION FILE ON THE UNIVERSITY COURSES:

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### 1. Courses now underway or to be offered later-on this school year:

#### MIT.

Dept. of Electrical Engineering and Computer Science  
77 Massachusetts Avenue  
Cambridge, Massachusetts 02139

Course Number/Name: 6.371, "Introduction to VLSI Systems"  
Instructor(s): Jonathan Allen, 617/253-2509; Paul Penfield (also lecturing?).  
Teaching Assistant(s): Randy Bryant, REB@MIT-XX  
Meets: Fall Semester, Tue/Thu 2:00-3:30  
Students: 30: mostly grad students, a few undergrads, 2 from BBN, 2 from GenRad

#### Stanford University

Course Number/Name: EE292V, "Introduction to VLSI Systems"  
Instructor(s): Rob Mathews, Bob@SU-AI; John Newkirk, NUK@SU-AI, 415/497-0548  
Teaching Assistant(s):  
Meets: Fall Semester, Tue/Thu 9:45  
Students: 71 registered, ~40 auditors

#### Caltech

Computer Science, 256-80  
Pasadena, California 91125  
213/795-6811, X2841

Course Number/Name: CS/EE181a  
Instructor(s): Doug Fairbairn, Fairbairn@PARC-MAXC, 213/795-6811, X2549  
Teaching Assistant(s): Dick Lang, Greg Eflan  
Meets: Fall Semester, Tue/Thu 1:30-3:00  
Students: 43: ~1/2 seniors, 1/2 1st yr grads, 3 from Xerox, several from the SSP.

**CMU**

Department of Computer Science  
 Schenley Park  
 Pittsburgh, Pennsylvania 15213  
 412/578-2000

**Course Number/Name:**

Instructor(s): Bob Sproull, Sproull@CMUA, 412/578-2621

Teaching Assistant(s):

Meets Spring Semester

Students: ~20

*Other contacts:*

|          |              |              |
|----------|--------------|--------------|
| HT. Kung | 412/578-2568 | HT.Kung@CMUA |
| Bob Hon  | 412/578-3056 | Hon@CMUB     |

**University of Rochester**

Computer Science Department  
 Rochester, New York 14627  
 716/275-5671 (C.S.Dept.)

Course Number/Name: EE492/CS492

Instructor(s): Group of EE and CS faculty

Teaching Assistant(s): Mark Kahrs, 716/275-5766 (w), Kahrs@PARC-MAXC

Meets: Fall Semester

Students: 14 + some auditors; several students are from Xerox WRC

**University of California, Berkeley**

EECS Department, Computer Science Division  
 Berkeley, California 94720

Course Number/Name: CS248, "MOS LSI Design"

Instructor(s): Carlo Sequin, Sequin@PARC-MAXC, 415/642-5103

Teaching Assistant(s):

Meets: Winter quarter

Students: ~40 to 50

**University of Utah**

Computer Science Department  
 3160 Merrill Engineering Bldg.  
 Salt Lake City, Utah 84111  
 801/581-

## Course Number/Name:

Instructor(s): Kent Smith,  
 Teaching Assistant(s):  
 Meets: Fall-Winter-Spring 3-quarter sequence  
 Students:

**University of Colorado,**

EE/CS Department,  
 College of Engineering and Applied Science  
 Colorado Springs, Colorado 80907  
 303/598-3737

## Course Number/Name:

Instructor(s): John Murray, X285 (now organizing course)  
 Teaching Assistant(s):  
 Meets: Spring semester (probably)  
 Students: ~20

**University of Illinois**

Department of Electrical Engineering  
 Urbana, Illinois 61801

## Course Number/Name:

Instructor(s): Jacob Abraham, 217/333-0750  
 Teaching Assistant(s):  
 Meets: Fall Semester (ends ~21 Dec)  
 Students: 15  
 Notes: This is the first, experimental offering of the course at Univ. of Illinois.  
 The course will be run again in the spring of '80, for about 40 students.

## University of Washington

Computer Science Department, Sieg Hall  
Seattle, Washington 98195  
206/543-1695

Course Number/Name: CS590

Instructor(s): Ted Kehl, 206/543-2424

Teaching Assistant(s):

Meets: Fall semester

Students: 15, grad students and faculty members

Notes: Using LAP on a DECsystem20 + HP7221A

## Universitat Kaiserslautern

FB Informatik  
D-6750 Kaiserslautern  
Fed. Rep. Germany  
01149-631-854-2606

Course Number/Name: "Einführung in VLSI Entwurf"

Instructor(s): Reiner Hartenstein, Peter Liell, Michael Flototto

Teaching Assistant(s):

Meets: Winter-semester, Freitag 10.00-12.00

Students: 20 experienced students

This fall Prof. Hartenstein will also begin a 3 semester electronic-design course-sequence for undergraduates, which will introduce basic logic-design this fall, electronic-circuits, semiconductor fundamentals, and basic nMOS circuits in the spring, leading finally to a large number of undergraduate students taking the VLSI design course next fall.

## University of Edinburgh

Department of Computer Science  
James Clerk Maxwell Bldg., Kings Buildings, Mayfield Road  
Edinburgh EH9 3JZ, Scotland, U.K.

Course Number/Name:

Instructor(s): Irene Buchanan, Buchanan@CMUD (temporarily)

Teaching Assistant(s):

Meets: Winter Quarter(~Jan-Mar)

Students:

Notes: Martin Newell talked to Irene by phone 10-17; she confirmed her plan to teach the course. She will be in MSG contact via the ARPANET very soon. She plans to prepare a design for MPC79. Sounds like she has caught the fever!

**2. Courses will probably/possibly be offered during this school year at :****S.M.U.**

Electrical Engineering Department  
School of Engineering and Applied Science  
Dallas, Texas 75275  
214/692-3106

Course Number/Name:

Instructor(s): Ken Heizer

Teaching Assistant(s):

Meets: Spring Semester

Students:

Note: This course will also be shown over the TAGER TV network.

**Washington University**

Computer Systems Laboratory  
724 South Euclid Ave.  
St. Louis, MO 63110

Course Number/Name:

Instructor(s): Fred Rosenberger?, 314/454-3395, 361-7356

Teaching Assistant(s):

Meets:

Students:

**U.S.C.**

Course Number/Name:

Instructor(s): John Nelson? (took the Wash. Univ. teacher's course)

Teaching Assistant(s):

Meets: Have report that course will be offered in the spring of '80

Students:

**Union College** (rumor, not yet checked out)  
EE/CS Department  
Schenectady, NY

Course Number/Name:

Instructor(s): George Williams? (took the Wash. Univ. teacher's course)

Teaching Assistant(s):

Meets:

Students:

**U.C.L.A.**

Prof. Burt Bussell

Computer Science Dept.

Boelter Hall 3731

U.C.L.A.

Los Angeles, California 90024

Course Number/Name: CS259/ES&E219A

Instructor(s): Vance Tyree, JPL; Boelter Hall 3731g, UCLA

Teaching Assistant(s):

Meets:

Students: 9 Registered, 6 Auditors

Contact: Prof. Burt Bussell, Vice-Chairman, CS Dept.

Bussell@UCLA-SECURITY