

**California Institute of Technology  
Department of Computer Science  
Electronic Design Automation**

CS286.5b, Winter 2000

Administrivia

Tuesday, January 4

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**Course Number:** CS286.5bc  
**Course Name:** Electronic Design Automation  
**Term:** Winter 2000  
**Time:** TTh 10:30AM–12:00PM  
**Place:** Jorgensen 72  
**Instructor:** Prof. André DeHon  
                  email [andre@cs.caltech.edu](mailto:andre@cs.caltech.edu)  
                  office Jorgensen 258 (temporarily 252)  
                  phone x6569  
**URL:** [<http://www.cs.caltech.edu/~andre/courses/EDA/>](http://www.cs.caltech.edu/~andre/courses/EDA/)

### Student Requirements and Grading:

Grading is based on participation, application of course material to two project exercises, and one end-of-term exam. (approximate weighting shown in brackets):

- Participation (reading, class) [10%]
- Covering [30%]
- Partitioning (place) [30%]
- Open-book, end-of-term exam [30%]

**Reading and Text** Class will provide roughly one paper per lecture which the student is expected to read. Citations for additional reading material will be posted on the web along with the detailed syllabus. There is no required text as I will be pulling together material from many places. Students wishing a single treatment for reference may checkout *Algorithms for VLSI Design Automation* by Sabih Gerez.

**Collaboration Policy** Each student is expected to do his/her own work. For the two projects, you are free (and encouraged) to discuss basic strategies and approaches with your fellow classmates or others, but implementations, analysis, and writeups should always be the work of the individual. If you get advice or insights from others that significantly influenced your work, please acknowledge this in your writeups.

### Second Term:

Spring term will be mostly focussed on a larger, student-selected project. Preferably this project will come from the student's research experience, but I have many interesting suggestions for those looking for new problems to tackle. There will be additional lectures on advanced topics as well as topics which seem relevant to projects selected.