CSE548 Winter '98

Computer Systems Architecture

Where & when
Lectures: Sieg 224 MWF 10:30-11:20

Instructor
Larry Snyder 426D Sieg, 543-9265, snyder@cs
Office Hours: M-W 4:30-5:30, or appointment
Assistant: Judy Watson, 543-0374, jwatson@cs <----

Teaching Assistant
Ed Hong
Office Hours: TBA

Text
J. Hennessy and D. Patterson *Computer Architecture:A Quantitative Approach*, Second Ed., Morgan-Kauffmann, 1996

Selected papers on contemporary topics.

Also, M. Flynn *Computer Architecture: Pipeline andParallel Processor Design*, Jones and Bartlett, 1995

Assignments
There will be three types --

Reading: Much of the 800 page H&P book will be readand discussed, with primary sources (papers, manuals) augmenting the book.Commentaries on the readings will count towards class participation.

Homework: Some "paper and pencil" assignments will begiven.

Measurement and Simulation: Using software toolssuch as ATOM and Etch perform performance studies of single processorarchitectures.

Exam
There will be a final exam

Grading
40% Final, 50% Assignments, 10% Class Participation

Independent Work

Talking with colleagues regarding homework is encouraged,subject to the Gilligan's Island rule. All work is independent unlessotherwise explicitly stated.