## Introduction

Friday, January 29, 2010 08:43

- Post office hours and lab hour on Blackboard.

Current Blackboard Passeverd: "Digital rocks"

Course Admin: Dan Richter (228 Philips)

BCE474-1 This is NOT a CDE.

-2 all this means is that labs are called "homeworks"

Labs/Projects due Weelnesdays at beginning of leeture

Project 1: individue!

Project 2: team

Labs are cheek-off bases > TA's will visit the labs to cheek off the labs

Deadlines ar final in spite of machines being down of

Lake Policy

-> <24hrs -10%

< U8hrs -30%

>48

0

Acudemic Integrity

-> cite the crap out of everything!

-> collaborations

Exams

? 8.5" x11" handwriter cheat sheet

? calculabrs ok, no interest

> 2 midterns

- 3/15/2010 M@ 7pm

-> 5/4/2010 F@7pm > slope day → 5/5/2010 M@7pm

- Grading

7 AW/ Labs 15%

- Projects

- Midten / 200%

- Midfra 2 25%

VLSI -> Very Large Scale Integration
(MUS -> Complementery Metal Oxida Seun: conductor
We'll be using Codence.

Babbage Difference Eyp,uc (base 10)

-> 25k parts

7 17.47kf

-> too much slop, to precise, ridiculous tolerances

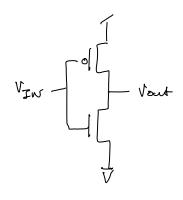
Amit lal (DARPA/MTO NEMS)

-> nano-scale Babbage Difference Eugre

Standara Mosre's Law, Power wall stuff cons

NMOS -2 cMOS pour cures

Qu:z



Draw Voltage Transfer Characteristre

PINOS: Ohmri

Vout n & pinos: Ohmri

& NMS: SA7