

# The Process of Design (Design Methods)

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(plus other invited guests)

EE 4900 – Design Methods  
September 1, 2009



## EE 4900 Seating – L100

Front of Room

Row 1	Speakers/Visitors		
Row 2	Team 2		Team 1
Row 3	Team 4		Team 3
Row 4	Team 6		Team 5
Row 5	Team 8		Team 7
Row 6	Team 10		Team 9

Back of Room

# Welcome to Senior Design

- Dr. Wiitanen
  - Welcome and Project assignments
  - Overview of projects, expectations
  - Upcoming deadlines for the year
  - General comments on Senior Design Program
- Rick Berkey
  - Project overview
  - Comments on sponsors, expectations
  - Other comments
- Meet your Faculty Advisor (Thursday)
  - First meeting with advisor: time and location
  - Project definition
  - Bring 6 copies of resume to first meeting (teaming)
  - Begin thinking about project manager and backup manager.

## The Big Picture

***We prepare  
students to  
create the  
future.***



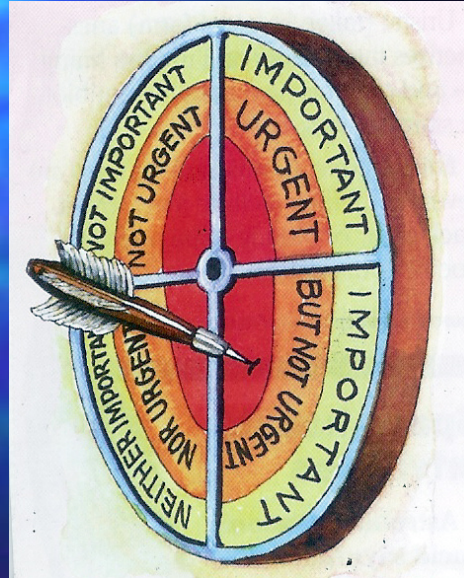
## A Meeting: An event where the minutes are kept and the hours are lost...

- Question: How much does it cost your budget to hold a one-hour meeting?
  - Avg hourly salary x 2 x no. of people.
- A simple efficient meeting (follow same cycle each time)
  - Review/verify completed work
  - Ongoing tasks, deal with difficulties, estimate completion date.
  - Upcoming work, volunteer/delegate, negotiate deliverable and completion date.
  - End meeting with: Recap urgent action items, who is to do what (no orphaned tasks!), anticipate important resources and lead times!

## Time Management

- Which mode of operation is best?
- Most of us spend way too much time on **important-urgent** category, i.e. in **CRISIS MODE**.
- Better – start early, spend most time on **“Important but not yet Urgent.”**

From “Seven Habits of Highly Effective People”



## Career Challenges/Opportunities

- Globalization
- US is becoming the “Ideas Economy” ??
- International Competition

