

**A POCKET
GUIDE TO
PUBLIC
SPEAKING
4TH EDITION**

Chapter 32

Technical Courses

Engineering Design Review

- Explains problem-solving steps in devising product or system for an identified need
- Required by most capstone engineering courses
- May incorporate a prototype demonstration

Engineering Design Review (cont.)

- Typically includes
 - ▶ Identification of a problem to be solved
 - ▶ Overview of objectives
 - ▶ Description of design concept and specifications
 - ▶ Why the proposed design solves the problem

Engineering Design Review (cont.)



- ▶ Discussion of any experimental testing
- ▶ Discussion of future plans/unresolved problems
- ▶ Discussion of schedule, budget, marketing issues

Architecture Design Review



- Combines two functions:
 - ▶ Enables audiences to visualize the design
 - ▶ Sells the design
- Should incorporate
 - ▶ Narrative approach
 - ▶ Spatial organizational pattern

Architecture Design Review (cont.)



- Typically covers
 - ▶ Background on the site
 - ▶ Discussion of the design concept
 - ▶ Description and interpretation of the design

Request for Funding

- Provides evidence supporting funding a project
- Presented by an individual or team
- Persuasive in nature

Request for Funding (cont.)



- Components:
 - ▶ Overview of customer specifications and needs
 - ▶ Analysis of market and its needs
 - ▶ Overview of design area or project
 - ▶ Projected costs
 - ▶ Specific reasons for funding

Preparing Effective Technical Presentations

- Sell your ideas.
- Provide hard data.
- Use ample presentation aids.

Preparing Effective Technical Presentations (cont.)

- Use concrete imagery.
- Gear information to the appropriate level.
- Strive to work interdependently with other team members.