

UNIVERSITY OF CALIFORNIA
College of Engineering
Department of Electrical Engineering and Computer Sciences

EE290D
Spring 1999

Handout #3
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LECTURE #1: Display market status and trends

Outline

- FPD Applications
- Display Market Overview
 - Market forecast by application
 - Comparison of FPD market with CRT market
 - Market forecast by FPD technology
- Electronic Information Display Classification and Nomenclature
- Application Considerations
 - Display properties
 - Display formats
- CRTs vs. FPDs:
 - Advantages and disadvantages of CRTs
 - Advantages and disadvantages of LCDs
 - Cost comparison between LCD and CRT desktop monitors
 - Cost comparison between PDP and CRT large-screen displays
- Trends in FPD market
 - Substrate scaling for reduced cost
 - Integrated display systems