GRC 13 Image Capture/Scanning
(Formerly Printing Technology 13)
3 units, 2 lecture 3 lab
Image capture and scanning for print, multimedia, or web page production. Resolution, halftone specification, and tone manipulation.

I. Introduction, Policies, Procedures

II. Graphic Arts Photography
- A. Graphic Images
- B. Photography and contone images
- C. Photography and the printing process
- D. Digital photography
- E. Scanning Methods

III. Tonality
- A. Sensitometric curve
- B. Densitometry
- C. Dot gain
- D. Resolution
- E. Screening
- F. Image manipulation
- G. Linearization/calibration

IV. Related issues
- A. Moire
- B. Rescreening
- C. File size limitations

VI. Additional Topics