



## Paper Basics Seminar

### I. INTRODUCTION

- A. History of Papermaking
- B. Mill/Merchant Relationship

### II. THE PAPERMAKING PROCESS

- A. Wood Preparation
- B. Pulping
- C. Bleaching
- D. Refining
- E. Wet End
- F. Press Section
- G. Dryer Section
- H. Size Press
- I. Drying
- J. Calendering
- K. Slitting/Rewinding
- L. Coating
- M. Super-calendering

### III. SURFACE COMPARISON

- A. Uncoated
  - 1. Antique
  - 2. Vellum
  - 3. Eggshell
  - 4. Wove
  - 5. Smooth Eggshell
  - 6. Machine Finish
  - 7. Lustre
- B. Matte Coated
- C. Dull Coated
- D. Gloss Coated
- E. Cast Coated

### IV. PAPER SPECIFICATIONS

- A. Preface
- B. Example
  - 1. Problem
  - 2. Approaches
  - 3. Options
  - 4. Solution
- C. Color/Shade
- D. Grain

### V. PAPER MATH

- A. Figuring Ream/M Weights
- B. Converting Sheets to Pounds
- C. Converting Pounds to Sheets
- D. Extending Price
- E. Review Example

### VI. SAMPLE SERVICES

- A. Unprinted Sample Sheets
- B. Bulking Dummies
- C. Printed Specimens
- D. Educational Materials
- E. Messengers