

NPT2 PULP MANUFACTURING TECHNOLOGY, 2nd Ed. (updated 2021)

- Module 1** Introduction & Overview of Course
- Module 2** Overview of Us and Global Paper Industry
- Module 3** Wood & Fiber Supply
- Module 4** Wood & Fiber Structure & Properties
- Module 5** Wood & Fiber Chemistry
- Module 6** Fiber Bonding in Paper
- Module 7** Wood Preparation
- Module 8** Chip Preparation
- Module 9** Pulping Overview, Properties & Tests
- Module 10** Kraft Pulping Equipment
- Module 11** Kraft Pulping Chemistry
- Module 12** Kraft Pulping Variables
- Module 13** Kraft Pulping Trends **(New)**
- Module 14** Sulfite & Bisulfite Pulping
- Module 15** Mechanical & Hybrid (NSSC) Pulping
- Module 16** Chemi-Mechanical Pulping (CMP, CTMP, BCTMP) **(New)**
- Module 17** Overview of Pulp Processing **(New)**
- Module 18** Pulp Processing: Washing
- Module 19** Pulp Processing: Screening & Cleaning
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- Module 21** Chlorine Dioxide & Caustic Extraction
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- Module 27** Recycling Overview & Raw Materials
- Module 28** Recycling Operations
- Module 29** Summary of Pulp Mill **(New)**
- Module 30** By-Product Recovery and The Forest Bio-refinery
- Module 31** Environmental Control

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