



### Reading Assignment for Next Class

MS Word 2000 Textbook:

- 1. Project 5 & Project 6
- 2. Read and apply!
- 3. Check the sections "What You Should Know" (pp. WD 5.58 and 6.62)

Dr. Martin Hepp

Paper Output: Laser vs. Ink-jet Printers

- Screen Output: The Monitor and the Graphics Card

- Sound Cards

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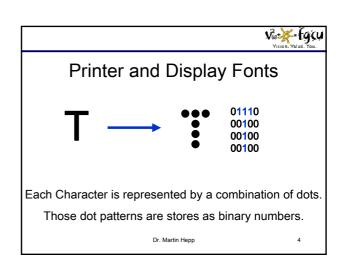
Reading Assignment Description from http://ruby.fgcu.edu/courses/mhepp/
(-> CRN10026)

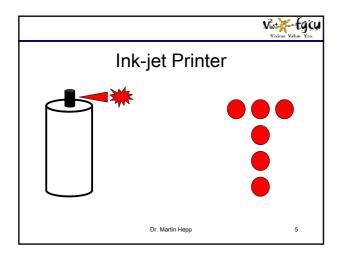
Read given web pages about

- Paper Output: Laser vs. Ink-jet Printers

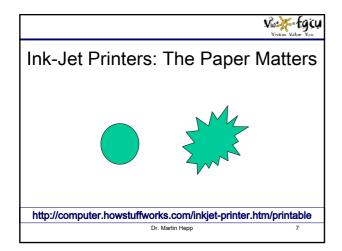
- Screen Output: The Monitor and the Graphics Card

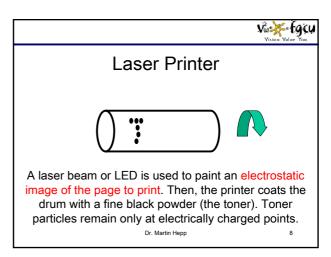
- Sound Cards

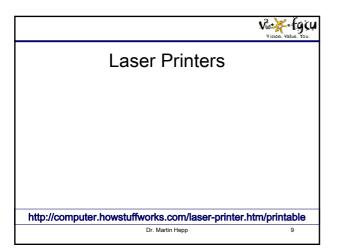


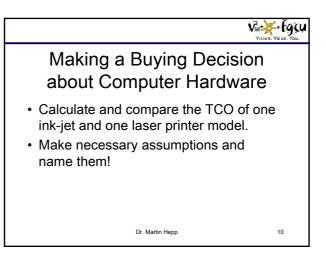


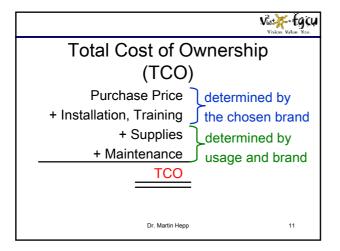


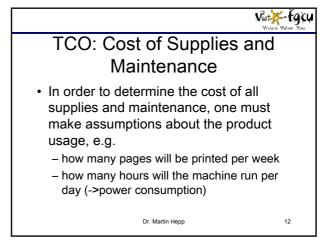














# TCO: Examples of Printer Supplies

Paper: 10 \$ per 500 sheets

Toner: 50 \$ for a unit that will last for

2,000 pages

Drum unit: 200 \$, needs to be replaced

after 10,000 pages

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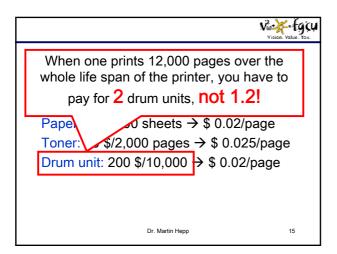


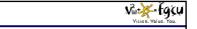
## Approach 1: Divide Price for Each Part by Amount of Pages

Paper: 10 \$/500 sheets → \$ 0.02/page Toner: 50 \$/2,000 pages → \$ 0.025/page Drum unit: 200 \$/10,000 → \$ 0.02/page

\$ 0.065/page

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### Approach 2

- To solve this problem, you can determine the actual number of supply units needed to print the total number of pages.
- Example for 12,000 pages:
  - 24 boxes of paper, 6 toner kits, 2 drum kits

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## Example

- Assumptions:
  - Printer costs \$ 300 including installation, but without first drum kit and toner
  - Costs of supplies as on the previous slides
  - Printer will be used for 3 years
- · Usage:
  - 20 pages per day → 100 pages per week
     (Mo Fr) → 5,000 per year (50 weeks)
     → 15,000 within 3 years

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		!	Vision. Value. You
	Exan	nple	
Approach 1		Approach 2	
Purchase Price	\$ 300	Purchase Price	\$ 300
Supplies 15,000 * 0.065	\$ 975	30 Boxes of Paper 30 * \$ 10	\$ 300
тсо	\$ 1275	8 Toner Kits 8 * \$ 50	\$ 400
		2 Drum Kits	\$ 400
		TCO	\$ 1400
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