







### Capitalize versus Expense

- Capitalized Costs means show it as an Asset on the Balance Sheet
  - Assets have future benefits
- Expense (i.e., not capitalize) when
  - benefits are immediate
  - OR future benefits are too uncertain or immaterial (e.g., R&D)
- Assets are consumed (in future) to generate future revenues
  - Current Assets like Inventory, Prepaid Rent, and Insurance
  - Non-current assets like Plant, buildings, machinery
  - NC Intangible assets like Patents, acquired goodwill



- What pattern of depreciation should be used to allocate expense over the useful life?
- Note: Land is the only non-current asset that is never depreciated / amortized



# Determining the Acquisition Cost

- Purchased Assets: Example 1
- Lowery, Inc. purchases new equipment on 1/1/02. The firm
  - pays \$920,000 to the vendor of the machine
  - pays \$62,000 to transport the equipment
  - pays \$10,000 for insurance during transportation
  - estimates that maintenance will cost \$4,000 in the first year, and will rise by about 20% annually for 10 years
- What is the balance sheet effect on 1/1/02?
  - Asset, Equipment = \$992,000 (= 920 + 62 + 10)



## Determining the Acquisition Cost

#### Self-constructed Assets: Example

- Myers Manufacturing is constructing a new production facility. Expected completion date is 6/1/2002.
- During 2001, the company
  - spends \$1.2 million for materials
  - pays \$1.6 million to architects and laborers
  - accrues interest payable equal to 10% of a \$1.5 million construction loan
  - incurs fees related to zoning, inspection, etc. of \$65,000
  - What is the balance sheet effect as of 12/31/01?
  - Asset, Factory building construction in progress = \$3,015,000 (= 1,200 + 1,600 + 150 + 65)

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What does GAAP allow?













### **Depreciation Bookkeeping**

What accounts does depreciation affect?
Accumulated depreciation account, contra-

- asset account
- Retained earnings account, depreciation expense

Which financial statements are affected?

Balance sheet and income statement

Does depreciation affect cash?

No