Lecture Guide

for

Heagy, Lehmann & Du

Accounting Information Systems 8e

- 394 Slides
- Written by the textbook authors
- Use as flash cards for terminology & concept review
- Includes key term and key concepts
- Use for notes during instructor lectures
- Affordable: $4.95

Sample Pages Follow
Learning Objectives

- Explain the flow of transaction and other event data through an accounting system.
- Identify and explain the major activities of an accounting system: input, process, store, and output data.
- Divide the accounting system into four business processes and identify typical accounting subsystems, or modules, in each process.
- Understand how integration of the subsystems is achieved through the sharing of data files and the movement of data from one subsystem to another.
Structure of an Accounting Information System

- Financial Process:
  - Referred to as the general ledger
  - Three types of entries:
    1. Data captured in and transferred from other processes to the financial process
    2. Transactions originally recorded in the financial process
    3. End-of-period adjustments required in the financial process
SAS 70: Reporting on Controls at a Service Organization

- Statement of Auditing Standard No.70 (SAS 70) establishes procedures for review of third party service providers (superseded by SSAE 16 discussed on next slide)

Two types of reports

Type I:
- Design of the service organization’s internal control system (point in time, opinion on description of controls only)

Type II (only one acceptable for SOX compliance)
- Auditor opinion on items in Type I report AND includes testing of that system over audit period
Information Processing-Application Controls (cont.)

- **Processing controls:**
  - Written procedures
  - Pre-numbered documents (ensures authorized transactions posted once)
  - Batch controls (provides assurance that no records lost or added; examples: record count, control totals, hash totals)
  - Control-total analysis (checks accuracy of processing, comparison with previously-derived totals)
  - Visual checking (e.g., account with debit balance normally has a credit balance)
  - Comparisons (e.g., sales order price v. selling price on inventory master file)
  - Field and record locking (two people cannot overwrite each other)
  - Redundant processing (extended amounts recalculated at various stages of process)
Account Coding for the Financial Process (cont.)

- Coding for the Cash Flow Statement:
  - Conventional chart of accounts is not designed to support the creation of cash flow statement
  - Direct (internal reporting) vs. Indirect method (external reporting)
  - SFAS 95 states preference for the direct method
  - Advantage of using direct method:
    * Magnitude of cash flow through the entity is revealed
Data Entry in the Revenue Process

- Recording Receipts:
  - Pre-lists (manual systems) and Proof lists (cust. remit. entered into automated systems)
  - Recording Balance-forward Receipts
  - Recording Open Item Receipts:
    * pre-identification: id invoices to be paid
    * post-identification: enter customer ID and amount (not matching invoices)
    * automatic-identification remit entered, AIS matches with open items