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Newark and New Brunswick

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**Accounting Information
Systems**

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A.I.S. Class 22: Outline

- Learning Objectives for Chapter 10
- Chapter 10 Quiz
- Learning Objectives for Chapter 11
- Chapter 11 Quiz
- Group Work for Chapters 10 & 11
- Combo Boxes
- ACCESS Features
- Ash Accounting
- Reports for Financing Cycle

Learning Objectives for Chapter 10

- In this chapter you will learn how to :
 - * Create a model of the human resource business process
 - * Create a Microsoft Access database based on the business process model
 - * Create controls to enforce business rules
 - * Create and maintain employee records
 - * Create and maintain records of time worked
 - * Calculate gross and net pay
 - * Record payments to employees
 - * Produce information for financial statements
 - * Produce information for internal purposes

Chapter 10 Quiz

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Learning Objectives for Chapter 11

- In this chapter you will learn how to :
 - * Create a model of the financing business process
 - * Create a Microsoft Access database based on the business process model
 - * Create controls to enforce business rules
 - * Create and maintain owner/investor and creditor records
 - * Create and maintain cash records
 - * Record loan agreements
 - * Record debt issue proceeds received from creditors
 - * Record debt payments of principal and interest to creditors
 - * Record stock subscriptions
 - * Record stock issue proceeds received from owners/investors
 - * Record dividend declarations
 - * Record dividends paid to owners/investors
 - * Produce information for financial statements
 - * Produce information for internal purposes

Chapter 11 Quiz

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Group Work Chapters 10 & 11

- Discuss Chapters 10 & 11
- Identify any significant new features or functions (other than just related to these being different cycles)
- Identify what is different about the authors' Pipefitters Supply Company implementations, as compared to our designs for Ash Accounting
- What reports would you expect to produce for the Financing cycle?

Combo Boxes

- The advantages of using a Combo Box include:
 - * Data entry clerks do not need to memorize lists of employee type numbers
 - * Only valid type numbers can be entered in the Employee table
 - * It reduces storage needs in the Employee table by storing Type numbers instead of descriptions
 - * New Types can be added easily to the Employee type table, and they will automatically appear in the Employee Information form Combo Box

ACCESS Features

- IIF()
- FICA: $\text{Int}([\text{GrossPay}] * 0.062 * 100) / 100$
 - * 2009 FICA is 6.2% of salary up to \$106,800
 - * 2009 Medicare is 1.45% of salary with no limit

Ash Accounting

- How do we compute and store payroll details?
 - * Use Queries to compute pay & deductions
 - * Use Append Query to store details on link tables, with nested queries to do the main calculations
 - * Use Form with Button and Macro to initiate payroll computations

Ash Accounting

- The authors have developed a scheme for having a single Cash Disbursements event, making use of Cash Disbursements Types
- The authors compute (in Excel) and store details of the Repayment schedule – whereas we would probably plan to store the data on which it is based (the type of calculation, term of loan, interest rate, etc.) and COMPUTE the repayments as they become due

Financing Cycle Reports

■ Loans

- * Loan Terms
- * Loans Received
- * Repayments
- * Interest Expense
- * Loan Repayment Schedule
- * Loan Maturities Schedule
- * Checks
- * Short-term Loan Liabilities
- * Long-term Loan Liabilities

■ Stocks

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