

RUTGERS

Rutgers Business School
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 8
- Chapter 8 Quiz
- New ACCESS Features Chapter 8
- Sheldon Shirts
- Learning Objectives for Chapter 9
- Chapter 9 Quiz
- New Features Chapter 9
- Cost Accounting
- Group Work for Chapters 8 & 9
- Sheldon Shirts

Learning Objectives for Chapter 8

- In this chapter you will learn how to use Access to design tables, queries, forms, and reports that can help you to:
 - * Create and maintain employee records
 - * Create and maintain records of time worked
 - * Calculate gross and net pay
 - * Prepare payroll registers
 - * Prepare employee earnings reports
 - * Print payroll check information
 - * Calculate payroll expense and accruals
 - * Calculate payroll tax expense and accruals

Chapter 8 Quiz

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New ACCESS Features

- Forms and Reports without using Wizards
- Reports with no details printed
- FICA: $\text{Int}([\text{GrossPay}] * 0.07 * 100) / 100$
(p. 402)
 - * 2008 FICA is 6.2% of salary up to \$102,000
 - * 2008 Medicare is 1.45% of salary with no limit
- Grouping data in reports (p. 408) using Group On

Sheldon Shirts

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

Learning Objectives for Chapter 9

- In this chapter you will learn how to use Access to design tables, queries, forms, and reports that can help you to:
 - * Track materials cost
 - * Track labor cost
 - * Allocate manufacturing overhead cost
 - * Create a bill of materials
 - * Accumulate costs in a job order cost system
 - * Summarize and report job costs

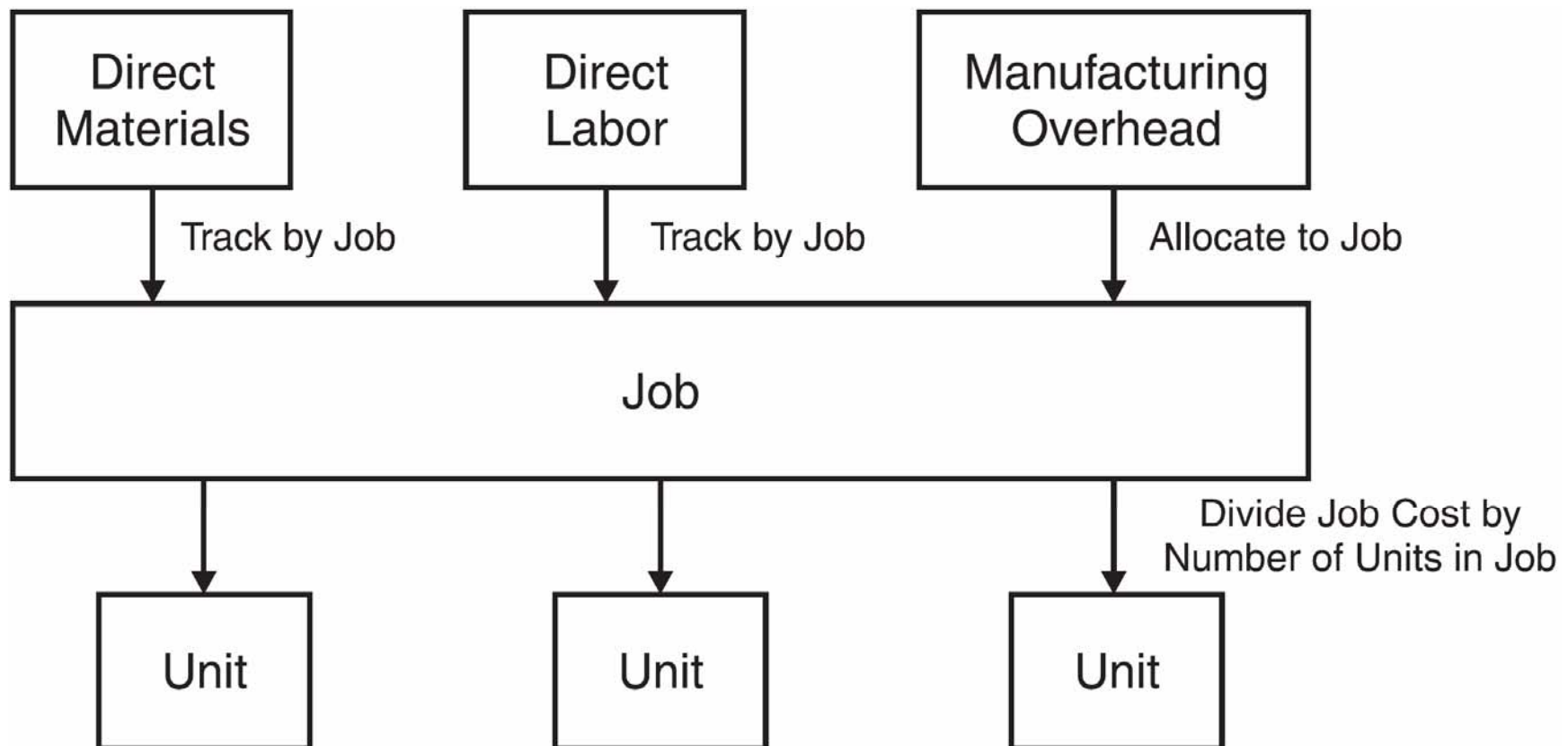
Chapter 9 Quiz

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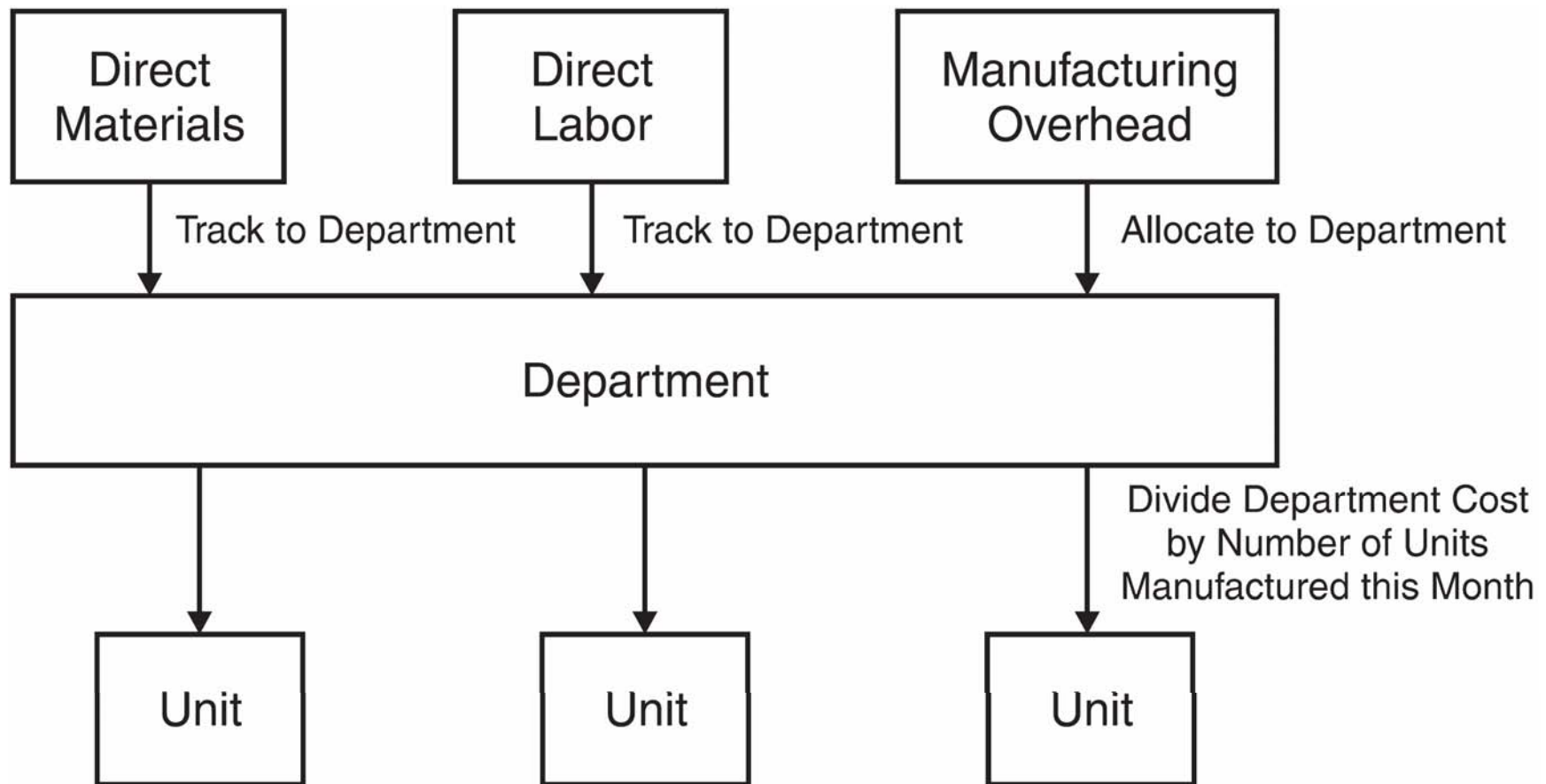
New Features

- Job Order Costing
- Process Costing
- Hybrid/Operation Costing
- Activity-Based Costing
- Form/Subform without using Wizards
- Triple primary key
- Nested Queries

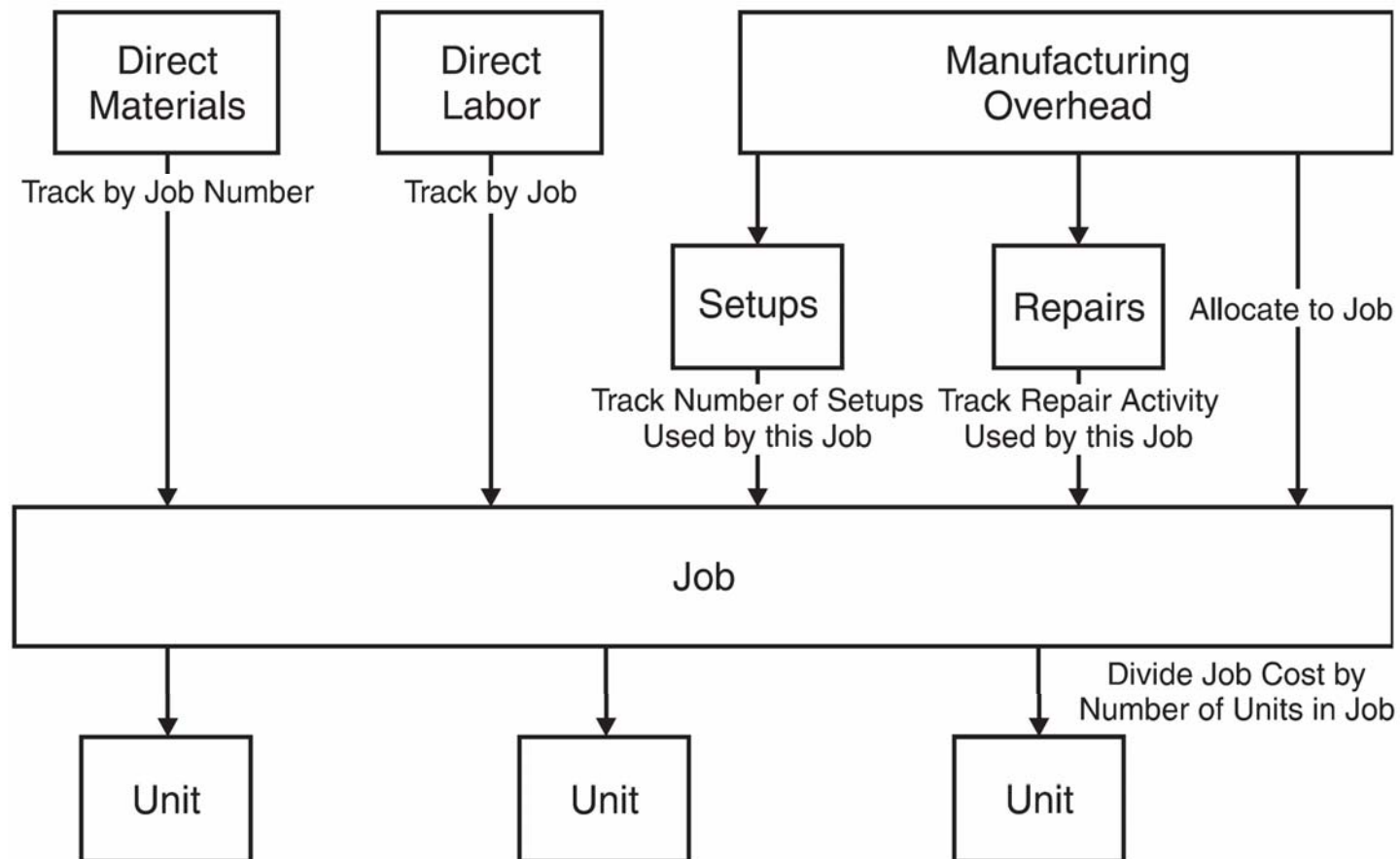
Job Order Cost Accumulation



Process Cost Accumulation



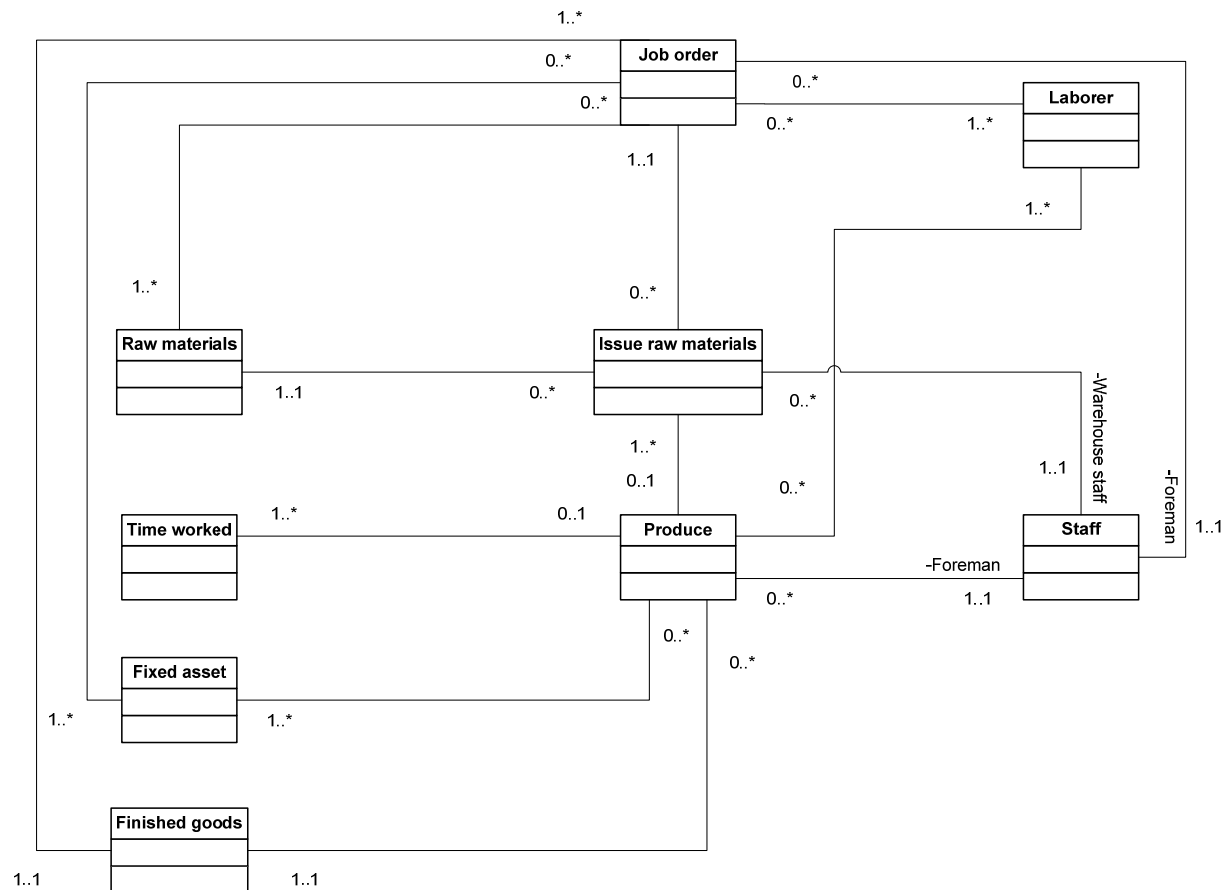
Activity-Based Job Order Costing



Group Work - Chapters 8 & 9

- **Chapter 8:**
 - * **Discussion Questions 1 - 5**
- **Chapter 9:**
 - * **Discussion Questions 1, 2 & 5**

XYZ Production Cycle



Sheldon Shirts

- Direct materials usage variance
- Direct materials price variance
- Direct materials total variance
- Direct labor efficiency variance
- Direct labor rate variance
- Direct labor cost variance
- Instead, detailed Job Cost Report

Basic Job Cost Report

Job Cost Report

Internal use only

Job Number	Inventory Description	Direct Materials	Direct Labor	Manufacturing Overhead	Total Cost
1001	Model 400A Control Panel	\$1,133.52	\$1,613.60	\$2,145.00	\$4,892.12
1002	Model 500C Control Panel	\$2,055.48	\$3,680.80	\$4,160.00	\$9,896.28
1003	Model 300A Control Panel	\$884.14	\$970.50	\$877.50	\$2,732.14
1004	Model 100A Control Panel	\$335.33	\$806.40	\$1,170.00	\$2,311.73
1005	Model 470D Control Panel	\$1,158.91	\$1,267.70	\$2,031.25	\$4,457.86
Totals		\$5,567.38	\$8,339.00	\$10,383.75	\$24,290.13

Sheldon Shirts Job Cost Report

- **By Job and in Total:**
 - * **Direct Materials, Direct Labor and Overhead – and Total**
 - * **Finished Good Standard Cost**
 - * **Finished Goods Selling Price**
 - * **Planned and Actual Profit:**
 - **Amounts and %**