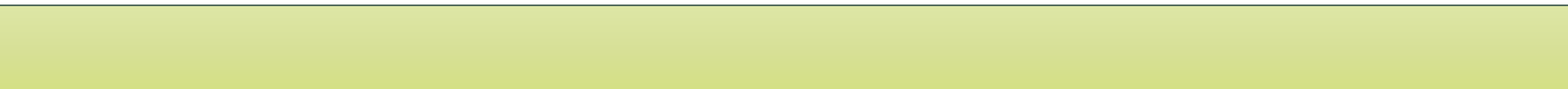




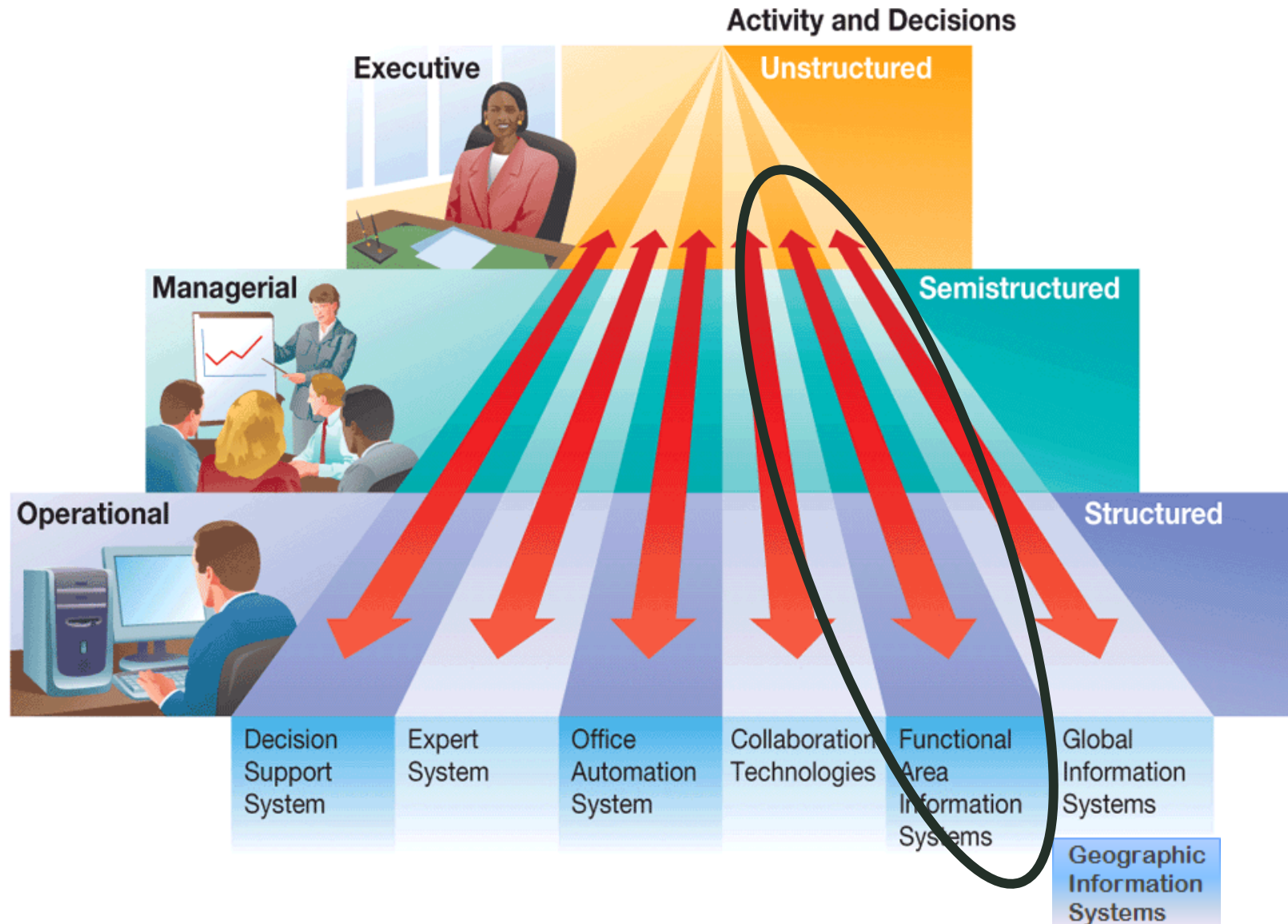
ACS-1803
**Introduction to Information
Systems**

Instructor: Trevor Nadeau

Management Information Systems
Frameworks
Lecture Outline 4



Organizational Information Systems



Functional Area Information Systems

- **Functional Area Information Systems**
 - Cross- Organizational Information systems that are designed to support a specific functional area
- **Supported Activities**
 - The following functional organizations have systems to support their operational and managerial activities
 - **Accounting and Finance**
 - **Human Resources**
 - **Marketing and Sales**
 - **Operations (Manufacturing)**

Functional Area Information Systems

Functional Area	Information System	Examples of Typical Systems
Accounting and Finance	Systems used for managing, controlling, and auditing the financial resources of the organization	<ul style="list-style-type: none">■ Inventory management■ Accounts payable■ Expense accounts■ Cash management■ Payroll processing
Human Resources	Systems used for managing, controlling, and auditing the human resources of the organization	<ul style="list-style-type: none">■ Recruiting and hiring■ Education and training■ Benefits management■ Employee termination■ Workforce planning
Marketing	Systems used for managing new product development, distribution, pricing, promotional effectiveness, and sales forecasting of the products and services offered by the organization	<ul style="list-style-type: none">■ Market research and analysis■ New product development■ Promotion and advertising■ Pricing and sales analysis■ Product location analysis
Production and Operations	Systems used for managing, controlling, and auditing the production and operations resources of the organization	<ul style="list-style-type: none">■ Inventory management■ Cost and quality tracking■ Materials and resource planning■ Customer service tracking■ Customer problem tracking■ Job costing■ Resource utilization

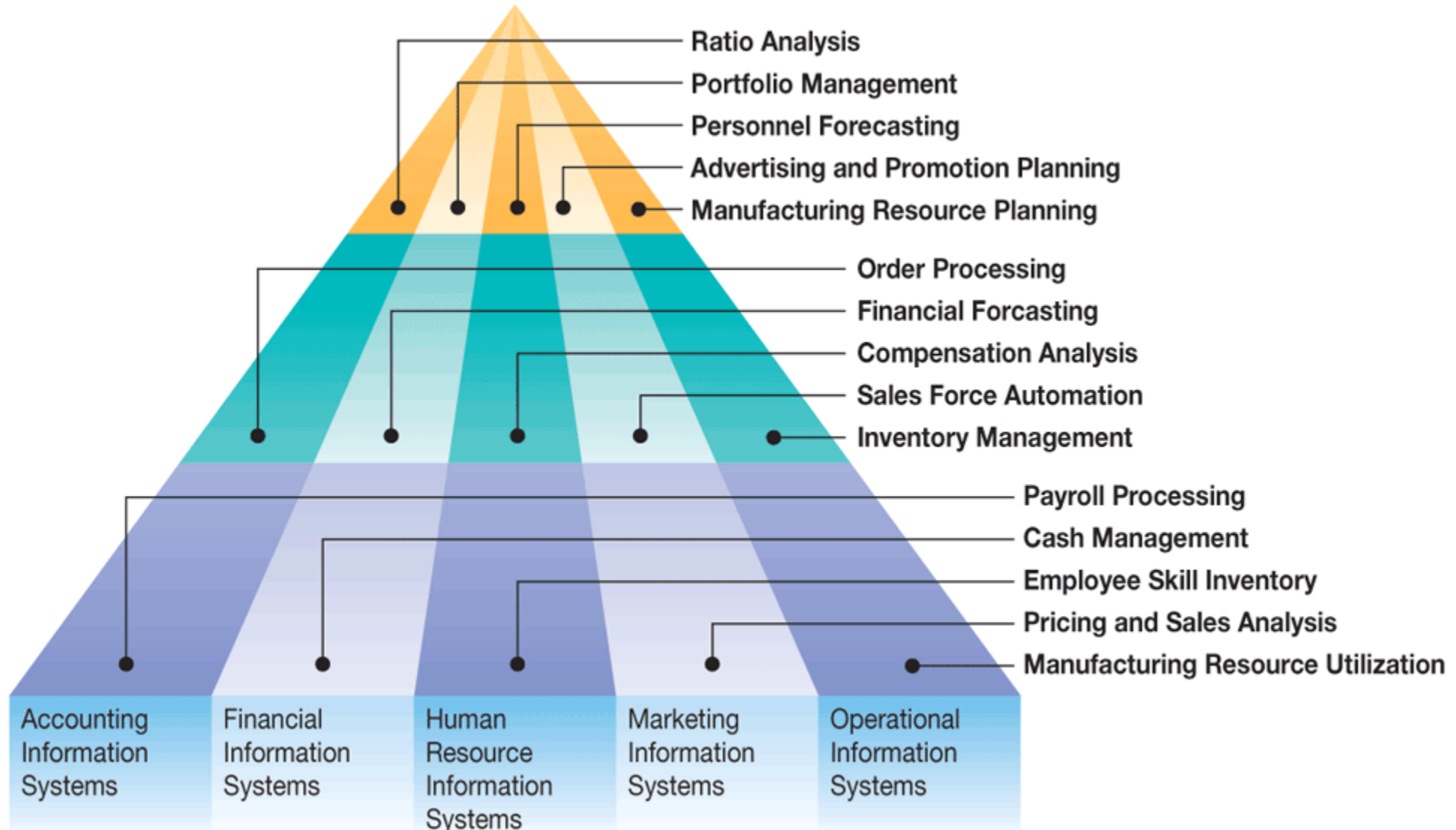
Functional Area Information Systems

- Accounting and Finance
 - Systems used for managing, controlling and auditing the financial resources of the organization
 - Examples:
 - Inventory Management, Accounts Payable, Expense accounts, Cash management, Payroll Processing
- Human Resources
 - Systems used for managing, controlling and auditing the human capital in an organization
 - Examples:
 - Recruiting and hiring, Education and training, Benefits Management, Employee termination, Workforce planning

Functional Area Information Systems

- Marketing
 - Systems used for managing new product development, distribution, pricing, promotional effectiveness, and sales forecasting of the products and services offered by the organization
 - Examples:
 - Market Research and analysis, new product development, promotion and advertising, pricing and sales analysis, product location
- Production and Operations
 - Systems used for managing controlling and auditing the production and operation resources of the organization
 - Examples:
 - Inventory Analysis, Cost and quality Tracking, material and resource planning, customer service tracking, customer problem tracking, job costing, resource utilization

Functional Area Information Systems



Management Information Systems Frameworks

End of Lecture 4