

CHAPTER

2

Traditional and Contemporar y Issues and Challenges



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Learning Objectives

- After studying this chapter, you should be able to:
 - Justify the importance of history and theory to management and discuss precursors to modern management theory.
 - Summarize and evaluate the classical perspective on management, including scientific and administrative management, and note its relevance to contemporary managers.
 - Summarize and evaluate the behavioral perspective on management, including the Hawthorne studies, human relations movement, and organizational behavior, and note its relevance to contemporary managers.
 - Summarize and evaluate the quantitative perspective on management, including management science and operations management, and notes its relevance to contemporary managers.

Learning Objectives (cont'd)

- After studying this chapter, you should be able to:
 - Discuss the systems and contingency approaches to management and explain their potential for integrating the other areas of management.
 - Identify and describe contemporary management issues and challenges.

Chapter Outline

- The Role of Theory and History in Management
 - The Importance of Theory and History
 - Precursors to Management Theory
- The Classical Management Perspective
 - Scientific Management
 - Administrative Management
 - The Classical Management Perspective Today
- The Behavioral Management Perspective
 - The Hawthorne Studies
 - The Human Relations Movement
 - The Emergence of Organizational Behavior

- The Behavioral Management Perspective (cont'd)
 - The Behavioral Management
 Perspective Today
- The Quantitative Management Perspective
 - Management Science
 - Operations Management
 - The Quantitative Management Perspective Today
- Contemporary Management Issues and Challenges
 - Contemporary Applied Perspectives
 - Contemporary Management Challenges

The Importance of Theory and History

Why Theory?

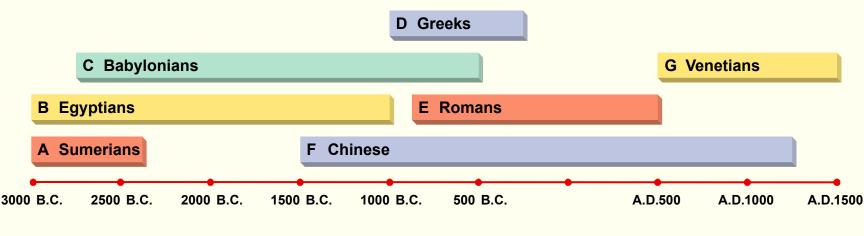
- A theory is a conceptual framework for organizing knowledge and providing a blueprint for action.
- Management theories, used to build organizations, are grounded in reality. Most managers develop their own theories about how they should run their organizations.

Why History?

 An awareness and understanding of important historical developments in management are also important to contemporary managers in furthering the development of management practices and in avoiding the mistakes of others in the past.

Precursors of Management Theory

Management in Antiquity



- A Used written rules and regulations for governance
- B Used management practices to construct pyramids
- C Used extensive set of laws and policies for governance
- D Used different governing systems for cities and state

- E Used organized structure for communication and control
- F Used extensive organization structure for government agencies and the arts
- G Used organization design and planning concepts to control the seas

Early Management Pioneers

- Robert Owen (1771–1858)
 - British industrialist who was one of the first managers to recognize the importance of human resources.
 - Implemented better working conditions, set a minimum age for child labor, provided meals, and reduced work hours.
- Charles Babbage (1792–1871)
 - Noted English mathematician who focused on creating efficiencies of production through the division of labor, cooperation between management and labor, and the application of mathematics to management problems.
 - Wrote "On the Economy of Machinery and Manufactures."

Classical Management Perspective

Consists of two different viewpoints:

- Scientific Management
 - Concerned with improving the performance of individual workers (i.e., efficiency).

• Grew out of the industrial revolution's labor shortage at the beginning of the twentieth century.

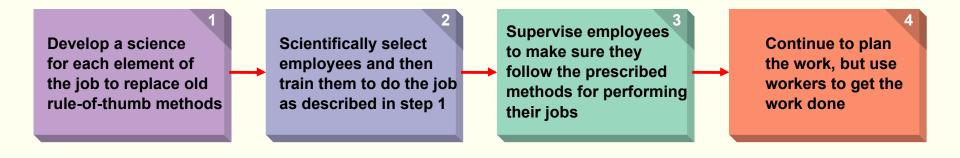
- Administrative Management
 - A theory that focuses on managing the total organization.



Scientific Management

- Frederick Taylor (1856–1915)
 - Considered the "Father of Scientific Management."
 - Replaced old rule-of-thumb methods of how to do work with scientifically-based work methods to eliminate "soldiering" where employees deliberately worked at a pace slower than their capabilities.
 - Believed in selecting, training, teaching, and developing workers.
 - Used time studies of jobs, standards planning, exception rule of management, slide-rules, instruction cards, and piecework pay systems to control and motivate employees.

Steps in Scientific Management



Classical Management Perspective

Other Scientific Management Pioneers

Frank and Lillian Gilbreth

• Reduced the number of movements in bricklaying, resulting in increased output of 200%.

Henry Gantt

- Was an early associate of Fredrick Taylor.
- Developed other techniques, including the Gantt chart, to improve working efficiency through planning/scheduling.

Harrington Emerson

Advocated job specialization in both managerial and operating jobs.

Classical Management Perspective (cont'd)

- Administrative Management Theory
 - Focuses on managing the whole organization rather than individuals.
- Henri Fayol
 - Wrote "General and Industrial Management."
 - Helped to systematize the practice of management.
 - Was first to identify the specific management functions of planning, organizing, leading, and controlling.

Classical Management Proponents

Lyndall Urwick

Integrated the work of previous management theorists.

Max Weber

 His theory of bureaucracy is based on a rational set of guidelines for structuring organizations.

Chester Barnard

- Wrote "The Functions of the Executive."
- Proposed a theory of the acceptance of authority (by subordinates) as the source of power and influence for managers.

Classical Management Perspective...Today

Contributions

- Laid the foundation for later developments.
- Identified important management processes, functions, and skills.
- Focused attention on management as a valid subject of scientific inquiry.

Limitations

- More appropriate approach for use in traditional, stable, simple organizations.
- Prescribed universal procedures that are not appropriate in some settings.
- In some cases, employees are viewed as tools rather than as resources.

Behavioral Management Perspective

- Behavioral Management
 - Emphasized individual attitudes and behaviors, and group processes.
 - Recognized the importance of behavioral processes in the workplace.
- Hugo Munsterberg (1863–1916)
 - A German psychologist, considered the father of industrial psychology, wrote "Psychology and Industrial Efficiency," a pioneering work in the practice of applying psychological concepts to industrial settings.

Behavioral Management Perspective (cont'd)

The Hawthorne Studies

- Conducted by Elton Mayo and associates at Western Electric (1927–1935)
- Illumination study—changes in workplace lighting affected both the control group and the experimental group of production employees.
- Group study— the effects of a piecework incentive plan on production workers.
 - Workers established informal levels of acceptable individual output.
 - Over-producing workers were labeled "rate busters" and underproducing workers were considered "chiselers."

Interview program

• Confirmed the importance of human behavior in the workplace.

Behavioral Management Perspective (cont'd)

Human Relations Movement

- Grew out of the Hawthorne studies.
- Proposed that workers respond primarily to the social context of work, including social conditioning, group norms, and interpersonal dynamics.
- Assumed that the manager's concern for workers would lead to increased worker satisfaction and improved worker performance.

Abraham Maslow

- Advanced a theory that employees are motivated by a hierarchy of needs that they seek to satisfy.
- Douglas McGregor
 - Proposed Theory X and Theory Y concepts of managerial beliefs about people and work.

Theory X and Theory Y

Theory X Assumptions

- 1. People do not like work and try to avoid it.
- 2. People do not like work, so managers have to control, direct, coerce, and threaten employees to get them to work toward organizational goals.
- 3. People prefer to be directed, to avoid responsibility, and to want security; they have little ambition.

Theory Y Assumptions

- 1. People do not naturally dislike work; work is a natural part of their lives.
- 2. People are internally motivated to reach objectives to which they are committed.
- 3. People are committed to goals to the degree that they receive personal rewards when they reach their objectives.
- 4. People seek both seek responsibility and accept responsibility under favorable conditions.
- 5. People have the capacity to be innovative in solving organizational problems.
- 6. People are bright, but under most organizational conditions their potentials are underutilized.

Organizational Behavior

- A contemporary field focusing on behavioral perspectives on management.
 - Draws on psychology, sociology, anthropology, economics, and medicine.
- Important topics in organizational behavior research:
 - Job satisfaction and job stress
 - Motivation and leadership
 - Group dynamics and organizational politics
 - Interpersonal conflict
 - The design of organizations

Behavioral Management Perspective...Today

Contributions

- Provided important insights into motivation, group dynamics, and other interpersonal processes.
- Focused managerial attention on these critical processes.
- Challenged the view that employees are tools and furthered the belief that employees are valuable resources.

Limitations

- Complexity of individuals makes behavior difficult to predict.
- Many concepts not put to use because managers are reluctant to adopt them.
- Contemporary research findings are not often communicated to practicing managers in an understandable form.

Quantitative Management Perspective

Quantitative Management

- Emerged during World War II to help the Allied forces manage logistical problems.
- Focuses on decision making, economic effectiveness, mathematical models, and the use of computers to solve quantitative problems.

Management Science

 Focuses on the development of representative mathematical models to assist with decisions.

Operations Management

 Practical application of management science to efficiently manage the production and distribution of products and services.

Quantitative Management Perspective...Today

Contributions

- Developed sophisticated quantitative techniques to assist in decision making.
- Application of models has increased our awareness and understanding of complex processes and situations.
- Has been useful in the planning and controlling processes.

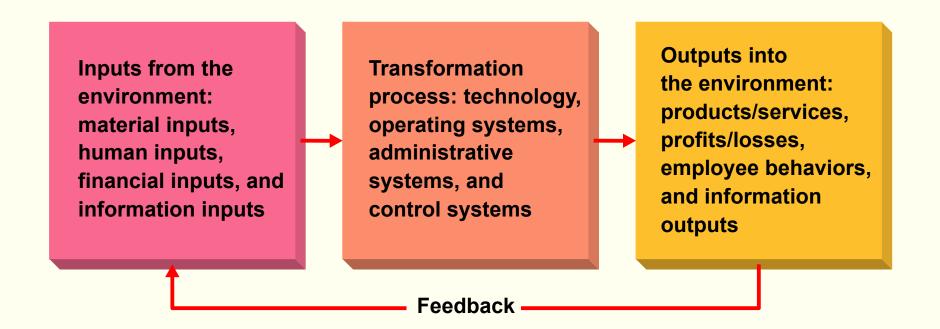
Limitations

- Quantitative management cannot fully explain or predict the behavior of people in organizations.
- Mathematical sophistication may come at the expense of other managerial skills.
- Quantitative models may require unrealistic or unfounded assumptions, limiting their general applicability.

Integrating Perspectives for Managers

- Systems Perspective
 - A system is an interrelated set of elements functioning as a whole.
- Open system
 - An organization that interacts with its external environment.
- Closed system
 - An organization that does not interact with its environment.
- Subsystems
 - The importance of subsystems is due to their interdependence on each other within the organization.

The Systems Perspective of Organizations



Systems Perspective

Synergy

- Subsystems are more successful working together in a cooperative and coordinated fashion than working alone.
- The whole system (subsystems working together as one system) is more productive and efficient than the sum of its parts.

Entropy

- A normal process in which an organizational system declines due to failing to adjust to change in its environment
- Entropy can be avoided and the organization re-energized through organizational change and renewal.

The Contingency Perspective

- Universal Perspectives
 - Include the classical, behavioral, and quantitative approaches.
 - Attempt to identify the "one best way" to manage organizations.
- The Contingency Perspective
 - Suggests that each organization is unique.
 - The appropriate managerial behavior for managing an organization depends (is contingent) on the current situation in the organization.

The Contingency Perspective (cont'd)

- An Integrative Framework
 - Is a complementary way of thinking about theories of management.
 - Involves the recognition of current system and subsystem interdependencies, environmental influences, and the situational nature of management.

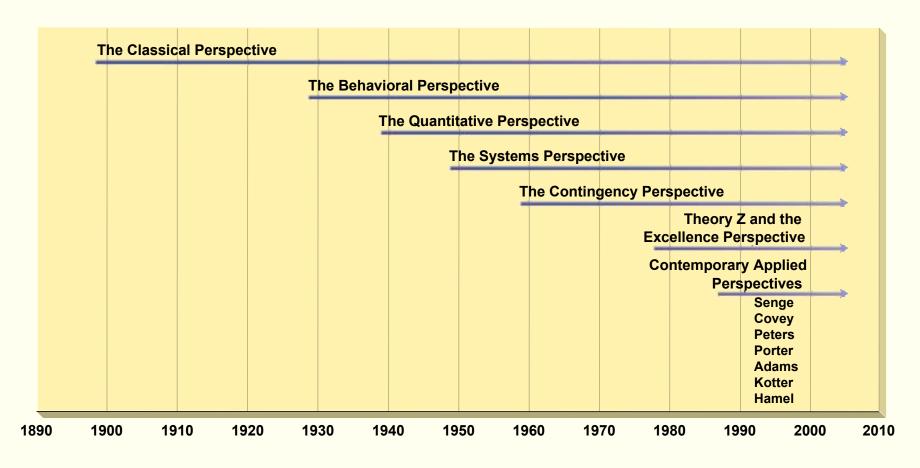


An Integrative Framework of Management Perspectives

Contingency Perspective Systems Approach Recognition of internal Recognition of the situational interdependencies nature of management · Recognition of Response to particular environmental influences characteristics of situation Classical **Behavioral** Quantitative **Management** Management Management **Perspectives Perspectives Perspectives** Insights for moti-Techniques for Methods for enhancing vating performance improving decision and understanding making, resource efficiency and facilitating planning, individual behavior, allocation, and organizing, and groups and teams, operations controlling and leadership **Effective and efficient management**

Contemporary Management Issues and Challenges

The Emergence of Modern Management Perspectives



Contemporary Management Issues and Challenges (cont'd)

- Contemporary Applied Perspectives
 - William Ouchi's "Theory Z," Peters and Waterman's "In Search of Excellence"
 - Popular authors: Senge, Covey, Porter, Kotter, and Hamel
- Contemporary Management Challenges
 - Acute shortages of labor in high-technology job sectors
 - Management of an increasingly diverse workforce
 - Rapid and constant environmental and technological change
 - Complex array of new ways of structuring organizations
 - Increasing globalization of markets
 - Renewed importance of ethics and social responsibility
 - Quality as the basis for competition
 - Shift to a predominately service-based economy