


IT-Certificate Level
Lecture-1

Module One

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Information Systems in Business



Lessons to Understand

1. Understand the concept of a system and how it relates to information systems.
2. Explain why knowledge of information systems is important for business professionals and identify five areas of information systems knowledge they need.
3. Give examples to illustrate how the business applications of information systems can support a firm's business processes, managerial decision making, and strategies for competitive advantage.

Lessons to Understand

4. Provide examples of several major types of information systems from your experiences with business organizations in the real world.
5. Identify several challenges that a business manager might face in managing the successful and ethical development and use of information technology in a business.

Lessons to Understand

6. Provide examples of the components of real world information systems. Illustrate that in an information system, people use hardware, software, data and networks as resources to perform input, processing, output, storage, and control activities that transform data resources into information products.
7. Demonstrate familiarity with the myriad of career opportunities in information systems.

Why study Information Systems and Information Technology?

- Vital component of successful businesses
- Helps businesses expand and compete
- Businesses use IS and IT
 - To improve efficiency and effectiveness of business processes
 - For managerial decision making
 - For workgroup collaboration