Course Ou

Using MIS



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1. Course Objective

Gain hands-on expertise on information systems with Using MIS course. The MIS course provides the knowledge of MIS, ways Information systems are transforming business, and how one can participate in that transformation. The managing information systems course teaches the skills that can help get a great job, increase earning potential, and become indispensable to your employer. The course covers all the concepts of MIS such as database processing, business intelligence systems, information systems management, and development.

2. Pre-Assessment

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

3. Quizzes

Quizzes test your knowledge on the topics of the exam when you go through the course material. There is no limit to the number of times you can attempt it.



4. flashcards

Flashcards are effective memory-aiding tools that help you learn complex topics easily. The flashcard will help you in memorizing definitions, terminologies, key concepts, and more. There is no limit to the number of times learners can attempt these. Flashcards help master the key concepts.



5. Glossary of terms

uCertify provides detailed explanations of concepts relevant to the course through Glossary. It contains a list of frequently used terminologies along with its detailed explanation. Glossary defines the key terms.



6. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

7. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

8. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assessments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

9. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 7 years:

- **2014**
    1. Best Postsecondary Learning Solution

- **2015**
    1. Best Education Solution

2. Best Virtual Learning Solution
3. Best Student Assessment Solution
4. Best Postsecondary Learning Solution
5. Best Career and Workforce Readiness Solution
6. Best Instructional Solution in Other Curriculum Areas
7. Best Corporate Learning/Workforce Development Solution

- **2016**
  1. Best Virtual Learning Solution
  2. Best Education Cloud-based Solution
  3. Best College and Career Readiness Solution
  4. Best Corporate / Workforce Learning Solution
  5. Best Postsecondary Learning Content Solution
  6. Best Postsecondary LMS or Learning Platform
  7. Best Learning Relationship Management Solution

- **2017**
  1. Best Overall Education Solution
  2. Best Student Assessment Solution
  3. Best Corporate/Workforce Learning Solution
  4. Best Higher Education LMS or Learning Platform

- **2018**
  1. Best Higher Education LMS or Learning Platform
  2. Best Instructional Solution in Other Curriculum Areas
  3. Best Learning Relationship Management Solution

- **2019**
  1. Best Virtual Learning Solution
  2. Best Content Authoring Development or Curation Solution
  3. Best Higher Education Learning Management Solution (LMS)

- **2020**

1. Best College and Career Readiness Solution
2. Best Cross-Curricular Solution
3. Best Virtual Learning Solution

10. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

Syllabus

Chapter 1: Learning Aids for Students

Chapter 2: Preface

- Importance of MIS
- Today's Role for Professors
- Falcon Security and ARES Cases
- Use of the Categorical Imperative and Utilitarianism in Ethics Guides
- 2027?
- Why Might You Want Your Students to Use SharePoint?

Chapter 3: The Importance of MIS

- Lesson Preview
- Q1-1 Why Is Introduction to MIS the Most Important Class in the Business School?
- Q1-2 How Will MIS Affect Me?
- Q1-3 What Is MIS?
- Q1-4 How Can You Use the Five-Component Model?
- Q1-5 What Is Information?
- Q1-6 What Are Necessary Data Characteristics?
- Q1-7 2027?
- Active Review
- Using Your Knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 4: Collaboration Information Systems

- Lesson Preview

- Q2-1 What Are the Two Key Characteristics of Collaboration?
- Q2-2 What Are Three Criteria for Successful Collaboration?
- Q2-3 What Are the Four Primary Purposes of Collaboration?
- Q2-4 What Are the Requirements for a Collaboration Information System?
- Q2-5 How Can You Use Collaboration Tools to Improve Team Communication?
- Q2-6 How Can You Use Collaboration Tools to Manage Shared Content?
- Q2-7 How Can You Use Collaboration Tools to Manage Tasks?
- Q2-8 Which Collaboration IS Is Right for Your Team?
- Q2-9 2027?
- Active Review
- Using Your Knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 5: Strategy and Information Systems

- Lesson Preview

- Q3-1 How Does Organizational Strategy Determine Information Systems Structure?
- Q3-2 What Five Forces Determine Industry Structure?
- Q3-3 How Does Analysis of Industry Structure Determine Competitive Strategy?
- Q3-4 How Does Competitive Strategy Determine Value Chain Structure?
- Q3-5 How Do Business Processes Generate Value?
- Q3-6 How Does Competitive Strategy Determine Bus...cesses and the Structure of Information Systems?
- Q3-7 How Do Information Systems Provide Competitive Advantages?
- Q3-8 2027?
- Active Review
- Using Your Knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 6: Hardware, Software, and Mobile Systems

- Lesson Preview

- Q4-1 What Do Business Professionals Need to Know About Computer Hardware?
- Q4-2 How Can New Hardware Affect Competitive Strategies?
- Digital Reality Devices
- Q4-3 What Do Business Professionals Need to Know About Software?
- Q4-4 Is Open Source Software a Viable Alternative?
- Q4-5 What Are the Differences Between Native and Web Applications?
- Q4-6 Why Are Mobile Systems Increasingly Important?
- Q4-7 What Are the Challenges of Personal Mobile Devices at Work?
- Q4-8 2027?
- Active Review
- Using Your Knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 7: Database Processing

- Lesson Preview

- Q5-1 What Is the Purpose of a Database?
- Q5-2 What Is a Database?
- Q5-3 What Is a Database Management System (DBMS)?
- Q5-4 How Do Database Applications Make Databases More Useful?
- Q5-5 How Are Data Models Used for Database Development?
- Q5-6 How Is a Data Model Transformed into a Database Design?
- Q5-7 How Can Falcon Security Benefit from a Database System?
- Q5-8 2027?
- Active Review
- Using your knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 8: The Cloud

- Lesson Preview
- Q6-1 Why Are Organizations Moving to the Cloud?

- Q6-2 How Do Organizations Use the Cloud?
- Q6-3 What Network Technology Supports the Cloud?
- Q6-4 How Does the Internet Work?
- Q6-5 How Do Web Servers Support the Cloud?
- Q6-6 How Can Falcon Security Use the Cloud?
- Q6-7 How Can Organizations Use Cloud Services Securely?
- Q6-8 2027?
- Active Review
- Using your knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 9: Processes, Organizations, and Information Systems

- Lesson Preview
- Q7-1 What Are the Basic Types of Processes?
- Q7-2 How Can Information Systems Improve Process Quality?

- Q7-3 How Do Information Systems Eliminate the Problems of Information Silos?
- Q7-4 How Do CRM, ERP, and EAI Support Enterprise Processes?
- Q7-5 What Are the Elements of an ERP System?
- Q7-6 What Are the Challenges of Implementing and Upgrading Enterprise Information Systems?
- Q7-7 How Do Inter-enterprise IS Solve the Problems of Enterprise Silos?
- Q7-8 2027?
- Active Review
- Using Your Knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 10: Social Media Information Systems

- Lesson Preview
- Q8-1 What Is a Social Media Information System (SMIS)?
- Q8-2 How Do SMIS Advance Organizational Strategy?
- Q8-3 How Do SMIS Increase Social Capital?

- Q8-4 How Do (Some) Companies Earn Revenue from Social Media?
- Q8-5 How Do Organizations Develop an Effective SMIS?
- Q8-6 What Is an Enterprise Social Network (ESN)?
- Q8-7 How Can Organizations Address SMIS Security Concerns?
- Q8-8 2027?
- Active Review
- Using Your Knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 11: Business Intelligence Systems

- Lesson Preview
- Q9-1 How Do Organizations Use Business Intelligence (BI) Systems?
- Q9-2 What Are the Three Primary Activities in the BI Process?
- Q9-3 How Do Organizations Use Data Warehouses and Data Marts to Acquire Data?
- Q9-4 How Do Organizations Use Reporting Applications?

- Q9-5 How Do Organizations Use Data Mining Applications?
- Q9-6 How Do Organizations Use Big Data Applications?
- Q9-7 What Is the Role of Knowledge Management Systems?
- Q9-8 What Are the Alternatives for Publishing BI?
- Q9-9 2027?
- Active Review
- Using Your Knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 12: Information Systems Security

- Lesson Preview
- Q10-1 What Is the Goal of Information Systems Security?
- Q10-2 How Big Is the Computer Security Problem?
- Q10-3 How Should You Respond to Security Threats?
- Q10-4 How Should Organizations Respond to Security Threats?

- Q10-5 How Can Technical Safeguards Protect Against Security Threats?
- Q10-6 How Can Data Safeguards Protect Against Security Threats?
- Q10-7 How Can Human Safeguards Protect Against Security Threats?
- Q10-8 How Should Organizations Respond to Security Incidents?
- Q10-9 2027?
- Active Review
- Using Your Knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 13: Information Systems Management

- Lesson Preview
- Q11-1 What Are the Functions and Organization of the IS Department?
- Q11-2 How Do Organizations Plan the Use of IS?
- Q11-3 What Are the Advantages and Disadvantages of Outsourcing?
- Q11-4 What Are Your User Rights and Responsibilities?

- Q11-5 2027?
- Active Review
- Using your knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 14: Information Systems Development

- Lesson Preview
- Q12-1 How Are Business Processes, IS, and Applications Developed?
- Q12-2 How Do Organizations Use Business Process Management (BPM)?
- Q12-3 How Is Business Process Modeling Notation (BPMN) Used to Model Processes?
- Q12-4 What Are the Phases in the Systems Development Life Cycle (SDLC)?
- Q12-5 What Are the Keys for Successful SDLC Projects?
- Q12-6 How Can Scrum Overcome the Problems of the SDLC?
- Q12-7 2027?
- Active Review

- Using Your Knowledge
- Collaboration Exercise
- Application Exercise
- Case Study
- Review Questions

Chapter 15: The International Dimension International MIS

- QID-1 How Does the Global Economy Affect Organizations and Processes?
- QID-2 What Are the Characteristics of International IS Components?
- QID-3 How Do Inter-enterprise IS Facilitate Global Supply Chain Management?
- QID-4 What Are the Security Challenges of International IS?
- QID-5 What Are the Challenges of International IS Management?
- Active Review
- Using Your Knowledge
- Application Exercise 8
- Study Questions

11. Practice Test

Here's what you get

150	4	150
PRE-ASSESSMENTS QUESTIONS	FULL LENGTH TESTS	POST-ASSESSMENTS QUESTIONS

Features

Each question comes with detailed remediation explaining not only why an answer option is correct but also why it is incorrect.

Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

12. Post-Assessment

After completion of the uCertify course Post-Assessments are given to students and often used in conjunction with a Pre-Assessment to measure their achievement and the effectiveness of the exam.