

CONTINUING EDUCATION

COURSE OUTLINE – A Manager's Guide to Information Technology

INSTRUCTOR: N/A

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PREREQUISITE(S): None

REQUIRED TEXT/RESOURCE MATERIALS:

Course materials are included.

CALENDAR DESCRIPTION:

This course is designed to help managers develop a solid understanding of the basic concepts and technologies that you will encounter in the information technology field. Topics of major concern to managers are discussed throughout the course and include big data, cloud implementations, and mobile computing. Learners will combine these with business concepts in order to better inform business decisions.

Examples of real-world cases involving IT security and other relevant topics are also incorporated to further expand your knowledge of IT. In addition, certifications and careers in IT are introduced with explanations of each in this crucially important field.

CONTACT HOURS: 10 hours

CEUs: 1

DELIVERY MODE: Online self-paced

TRANSFERABILITY: N/A

GRADING CRITERIA:

Upon successful completion of the course, you will receive a Certificate of Completion.

EVALUATIONS: Learners must achieve a test score of at least 70% to meet the minimum successful completion requirement and qualify to receive IACET CEUs.

STUDENT RESPONSIBILITIES: Completion of any practice lessons, quizzes, assignments, or tests.

COURSE SCHEDULE/TENTATIVE TIMELINE:

Dates vary (refer to website for current availability).

LEARNING OUTCOMES:

Upon successful completion of this course, learners will be able to:

- Trace the evolution of information technology
- Explain the basics of computing
- Describe operating systems and how process and memory management, the kernel, and other OS concepts work together.
- Discuss a variety of programming concepts
- Explore different types of software
- Discuss software management, application security, and the role of server software
- Describe different network infrastructures, configurations, and physical components
- Explain the use of databases and Big Data
- Outline the fundamentals of information security
- Describe cloud computing, service categories, and deployment models
- Discuss mobile technologies, e-commerce concepts, and platforms
- Explore the major social media websites, Web 2.0, and virtual communities
- Explain the basics of information governance and information security governance