



Course Description

SCC4410 | Risk Management | 3.00 credits

A study of risk management theories as it pertains to insurance coverage, facility assessment, as well as employee and pre-employment background investigations.

Course Competencies:

Competency 1: The student will demonstrate knowledge of the concept of risk management by:

1. Defining and discussing risk and risk analysis
2. Identifying and discussing the role of management in risk analysis
3. Analyzing the role of threat identification and vulnerability in the risk analysis process

Competency 2: The student will demonstrate knowledge of risk measurement and its applications by:

1. Utilizing cost valuation and frequency of occurrence to determine possible loss
2. Applying principles of probability and their relationship to risk and security
3. Utilizing methods of estimating the frequency of occurrence
4. Identifying and describing methods of risk measurement

Competency 3: The student will quantify and prioritize loss potential and cost-benefit analysis of countermeasures defining loss potential by:

1. Defining cost-benefit analysis
2. Assessing the criticality or severity of a given loss event by applying system design engineering to
3. Implement and assess the cost-effectiveness of security measures and procedures

Competency 4: The student will discuss the role of the security survey in administration by:

1. Analyzing the need for security surveys
2. Detailing what can be accomplished with a security survey
3. Analyzing the use of security surveys

Competency 5: The student will discuss methods of predicting crime and its effects on an organization by:

1. Analyzing internal and external crime
2. Applying crime analysis to identify possible security lapses
3. Identifying and describing the potential liability of failure to protect from a foreseeable risk
4. Researching and reviewing sources of data and classifications of crimes

Competency 6: The student will discuss the role of the business impact analysis by:

1. Comparing and contrasting the business impact analysis to risk analysis
2. Describing sound business impact analysis
3. Developing questions to collect data for a business impact analysis
4. Analyzing data and presenting a report for a business impact analysis

Competency 7: The student will analyze the role of business continuity planning within an organization by:

1. Defining business continuity planning
2. Discussing the rationale for business continuity planning
3. Discussing the contents of a basic continuity plan and the use of recovery teams
4. Developing and presenting a business continuity plan

Competency 8: The student will evaluate the process of response planning within an organization by:

1. Analyzing the basics of the incident command system
2. Defining essential emergency procedures

3. Outlining preparation requirements for diverse threats
4. Researching and discussing principles of preparing for kidnappings, extortion or ransom of company employees and procedures for responding

Competency 9: The student will describe a SWOT analysis by:

1. Defining and discussing strengths
2. Defining and discussing weaknesses
3. Defining and discussing opportunities
4. Defining and discussing threats

Competency 10: The student will analyze risk management principles by:

1. Reviewing and researching OSHA standards
2. Identifying a vulnerability assessment tool
3. Defining and discussing high-risk areas

Learning Outcomes:

- Communicate effectively using listening, speaking, reading, and writing skills
- Use quantitative analytical skills to evaluate and process numerical data
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Use computer and emerging technologies effectively