COURSE OUTLINE

CJS420

Prepared: Chris Reed   Approved: Martha Irwin, Chair, Community Services and Interdisciplinary Studies

Course Code: Title	CJS420: SECURITY HARDWARE
Program Number: Name	1225: PROTECTION SECURITY
Department:	CRIMINAL JUSTICE
Semester/Term:	18W
Course Description:	This course will introduce the student to the various categories of protective hardware, their application and limitations. Hands-on opportunities will allow the student to see and use a variety of hardware components and develop skills in applying hardware to selected facilities. Software applications which support security options will also be examined and utilized.
Total Credits:	3
Hours/Week:	3
Total Hours:	45
Vocational Learning Outcomes (VLO's): **Please refer to program web page for a complete listing of program outcomes where applicable.**	#1. Work in compliance with established standards and relevant legislation in the protection, security and investigation fields. #2. Make decisions in a timely, effective and legally defensible manner to uphold protection and security. #3. Carry out delegated duties and responsibilities in compliance with organizational policies and procedures. #4. Act equitably and justly with diverse populations. #5. Work effectively as a member of a protection and security team. #6. Prevent and resolve crisis, conflict and emergency situations by applying effective techniques. #7. Conduct and/or contribute to investigations by collecting, preserving and presenting admissible evidence. #8. Monitor, evaluate and accurately document behaviours, situations and events. #9. Develop and implement ongoing effective strategies for personal and professional development.
Essential Employability Skills (EES):	#1. Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience. #2. Respond to written, spoken, or visual messages in a manner that ensures effective communication. #4. Apply a systematic approach to solve problems. #5. Use a variety of thinking skills to anticipate and solve problems.

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	#6. Locate, select, organize, and document information using appropriate technology and information systems. #7. Analyze, evaluate, and apply relevant information from a variety of sources. #8. Show respect for the diverse opinions, values, belief systems, and contributions of others. #9. Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals. #10. Manage the use of time and other resources to complete projects. #11. Take responsibility for ones own actions, decisions, and consequences.
General Education Themes:	Social and Cultural Understanding Science and Technology
Course Evaluation:	Passing Grade: 60%, C
Evaluation Process and Grading System:	See table below

Evaluation Type	Evaluation Weight
Final Examination	40%
Mid Term Examination	30%
Survey Project	30%

Course Outcomes and Learning Objectives:

Course Outcome 1.

List and define the elements of risk analysis

Learning Objectives 1.

-list and discuss the impacts of honesty studies on risk management
-list and describe security facts that impact of risk management
-understand the loss to sales ratio concept
-list and describe the concepts of rational choice and the approaches to defeat criminal activity
-list and describe the element of crime and their impact on risk management
-list and describe the loss event triangle and its implication on risk management
-understand the implication of security versus civil liberty and its impact on risk management
-list and describe the sources of loss and their implication on risk management
-List and describe the laws of loss prevention
-list and describe the levels of security
-list and describe today's threat environment

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-define and explain the term, "risk management"
-describe and define the term, "probability of risk"
-describe and define the term, "vulnerability to risk"
-describe and define the term, "loss event criticality"
-list and describe the elements of risk reduction

Course Outcome 2.

List and define the process of conducting loss control/loss prevention and security surveys

Learning Objectives 2.

-list and define the construction standards and requirements for security
-list and discuss the performance goals of a security system
-list and discuss the elements of a survey
-conduct and provide a written loss control/loss prevention/security survey of a business.

Course Outcome 3.

List and describe the attributes/types of barriers

Learning Objectives 3.

-list and discuss the purposes of barriers
-list and discuss the considerations for barrier protection
-list and discuss the requirements of barrier types

Course Outcome 4.

List and describe the attributes/types of locking mechanisms

Learning Objectives 4.

-list and discuss the strengths and weaknesses of locks
-list and discuss the considerations for locking devices

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-identify and discuss the types of locking devices
-identify the basic parts of locking devices
-identify the types of locking bolt types
-identify and describe the types of keyed locking mechanisms
-identify and describe the processes of key control

Course Outcome 5.

List and describe the attributes/types of doors and windows

Learning Objectives 5.

-identify door types and materials used for security
-identify door standards for security
-identify security considerations for windows
-identify the types of windows

Course Outcome 6.

List and describe the attributes/types of close circuit television

Learning Objectives 6.

-identify and discuss the purpose of CCTV
-identify the components of a CCTV system
-identify and discuss the advantages and disadvantages of CCTV

Course Outcome 7.

List and describe the attributes/types of alarm systems

Learning Objectives 7.

-list and describe the purposes of intrusion detection systems (alarms)
-list and discuss the factors affecting the operation of alarms

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-list and describe the types of alarms and their attributes

Course Outcome 8.

List and discuss the attributes/types of access control

Learning Objectives 8.

-list and discuss the issues of access control
-list and discuss personnel access control systems
-list and discuss vehicle access control systems

Course Outcome 9.

List and discuss lighting control systems

Learning Objectives 9.

-list and discuss the general requirements for lighting
-list and discuss the principles of protective lighting
-list and discuss the types of lighting, lamps, and purpose of each
-list and discuss the employment of lighting factors

Course Outcome 10.

List and discuss security containers and storage areas

Learning Objectives 10.

-list and discuss the types of containers
-describe the burglary and fire protection concept for containers

Date: Wednesday, August 30, 2017

Please refer to the course outline addendum on the Learning Management System for further

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information.