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American Public University System

The Ultimate Advantage is an Educated Mind

School: School of Public Service & Health
Course Number: SCMT374
Course Name: Contemporary Issues in Security Management
Credit Hours: 3 Credit Hours
Length of Course: 8 Weeks
Prerequisite: None

Table of Contents

Instructor Information	Evaluation Procedures
Course Description	Grading Scale
Course Scope	Course Outline
Course Objectives	Policies
Course Delivery Method	Academic Services
Course Resources	Selected Bibliography

Instructor Information

Instructor:

Email:

Phone:

Fax:

Office Hours:

[Table of Contents](#)

Course Description (Catalog)

This course focuses on the contemporary issues of security management such as substance abuse, violence, ideologies, adjudication and reconsideration reviews, security countermeasures, case management, use of examinations such as polygraphs, report writing, international commercial sales, and media relations. It also addresses the security

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manager's role in personnel management, security planning, organizational communication, recruitment, retention, training and development, and management of contracts, as well as examines techniques and tools that help security managers understand bias, educate, and shift attitudes of employees towards more proactive security practices.

[Table of Contents](#)

Course Scope

To assist the student with understanding how to measure the operational performance of the security function. Coupled with the technical know-how and ability to learn, students shall be able to effectively communicate their needs to management, ensuring they receive the necessary resources for organizational success. Entirely new risk assessment models and proactive strategic planning concepts are introduced, and real-world case examples are provided throughout the weeks of study

[Table of Contents](#)

Course Objectives

After successfully completing this course, you will be able to

- Explain the role a security leadership has in establishing the foundation of private security programs.
- Define what assess risk has to do with determining the type of security program is appropriate for an organization.
- Identifying what security management team is best suited in accomplishing the organization's security functions charter.
- Establish how security managers test and align functional performance or their security organization.
- Identify how to formulate and implement a strategic security plan designed to address actual and potential threats.
- Describe use of problem solving tools and identifying hard and soft measurements for the security manager.
- Explain the methodology of quality assurance and merits of a performance based standards approach towards total asset protection.
- Explain a value added contribution in the world of tangible and intangible assets.
- Identify how corporate security manger can effective effectively communicate strategic security issues and actions to other business departments and managers.

[Table of Contents](#)

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Course Delivery Method

This course delivered via distance learning will enable students to complete academic work in a flexible manner, completely online. Course materials and access to an online learning management system will be made available to each student. To facilitate class interaction, forum discussion assignments are due by Friday evenings of the week as noted. All other course work is due by Sunday evenings of the week as noted and includes forum classmate responses, papers, projects, and quizzes/examinations submitted for review by the Faculty Member. Assigned faculty will support the students throughout this eight-week course.

[Table of Contents](#)

Course Resources

Required Course Textbooks

All course materials are online.

Optional Texts

Publication manual of the American Psychological Association (6th ed.). (2009).
Washington,

D.C.: American Psychological Association.

Required Readings

See weekly readings.

Additional Resources

Noted throughout this course

Web Sites

Noted throughout this course

In addition to the required course texts, the following public domain web sites are useful. Please abide by the university's academic honesty policy when using Internet sources as well. Note web site addresses are subject to change.

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Site Name	Web Site URL/Address
ASIS International	http://www.asisonline.org/
21 st Century Challenges	http://www.nas.edu/21st/technology/
21 st Century Cyber Defense	http://www.cdans.org/Event.aspx?id=598076
21 st Century CPTED	http://dev.cpted.net/

[Table of Contents](#)

Evaluation Procedures

All work for this course is due to be turned in no later than midnight (EST) on Friday of the week in which the assignment is due. The two mandatory forum responses to fellow students are due no later than midnight, EST. of the week in which the forum is due.

Reading Assignments: See weekly readings below

Supplemental Readings: See supplemental readings below

Forum Assignments:

1. There are seven Forum assignments (**post to forum only but as both as a .doc or .docx file attachment and in copy-and-paste mode**) during the course. Each will count as 5% of the final grade. There is an additional “Introduction – Week 1” forum which is a university mandate but is ungraded (**you need to post only to the forum**). The homework assignments reinforce major elements of the course (Contemporary Issues in Security Management). These assignments address relevant security management and industry questions and challenges from the course materials and provided supplementary resources. They are selected to provide the student with real-world exposure in applying the techniques and models discussed.
2. There are two quizzes, each of which comprises 10% of the final grade. Each quiz is timed. The quizzes cover selected sections of the course materials. Each consists entirely of essay questions. Please coordinate with the professor for any special arrangements.

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3. Each student prepares and submits research paper as discussed in detail below. It comprises 20% of the final grade. There are two options for this assignment.

Each student submits a research paper incorporating the following guidance.

Each student submits a 12 page (**minimum less title and reference pages**) paper written in MS-Word and APA (sixth edition) format examining one of the contemporary issues discussed during this course in detail. The student may submit a paper on another relevant topic providing the professor approves the topic selection ahead of time (see the second option below).

The paper must identify the following:

The contemporary issue (define it)

Discuss the issue from at least two viewpoints (comparison and contrast)

Define its applicability to the security profession

Provide a summation

The paper is written using the APA (sixth edition) style as a guide for paper formatting and citations. See below for details.

Option #2 - Case Study

Utilizing a variety of resources (minimum of three) including the materials provided in this course, as well as personal experience, Internet resources, etc., select a case study dealing with a relevant security issue, for example, here are some suggestions:

1 Globalization and its effect on a security manager in a global reach organization

2 - Security management in a private security company (PSC) or private military company (PMC) in a war zone

3 - Solving a particular security challenge through technology

4 - Managing change in my security department

5 - How I developed a workplace violence program

6 - Establishing an overseas security operation in a cross-cultural venue

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The student who selects Option 2 submits an informal proposal to the professor via e-mail prior to the end of week 2 in order to obtain approval for his or her project.

Each project assesses the student's overall knowledge and mastery of the course material and/or other relevant security issues of our time.

All papers must utilize a minimum of three verifiable reference sources and must be written using APA style format. Minimum page length is twelve double-spaced pages exclusive of title and reference pages. You should also utilize the information available to you in the "APUS Online Library."

Rubric categories assist the professor in grading your work. Detailed information on the Rubric criteria is contained in the "Resources" tab in the classroom.

4. The Final Examination is a timed open-book examination. It comprises 25% of the final grade. This examination covers selected course materials. It consists entirely of essay questions. Please coordinate with the professor for any special arrangements.

Citation and Reference Style: This course requires students to use the citation and reference style established in the Publication Manual of the American Psychological Association (sixth edition). Washington, D.C.: American Psychological Association. The only authorized Web resources for use with APA in this course follow:

The Owl at Purdue University:

http://owl.english.purdue.edu/handouts/research/r_apa.html

There is also a comprehensive Web video on APA sixth edition in general and how to format a formal research paper in APA sixth edition in particular located at:

<http://www.youtube.com/watch?v=9pbUoNa5tyY>

Sources from Wikipedia are "NOT" to be used, as they have been deemed academically unreliable.

Homework Assignments: See Forums and Research Paper **START HERE!!!**

The points earned on course assignments determine the course grade. The final grade in the course is based on total points. Grades are assigned based on the following term composite scores:

Grade Instruments	Points
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Forums (7)	100/700
Quizzes (2)	100/200
Research Paper	100
Final Examination	100
Total	1200

[Table of Contents](#)

8 – Week Course Outline

Please see the [Student Handbook](#) to reference the University's [grading scale](#).

[Table of](#)

[Contents](#)

<u>Week</u>	<u>Topic</u>	<u>Learning Objectives</u>	<u>Readings</u>	<u>Assignment</u>
1	Security convergence – IT and physical security	<p>LO1 - Compare and contrast the pros and cons of public and private sector security convergence efforts.</p> <p>LO2 - Identify and evaluate the fundamental elements dictating convergence.</p> <p>LO3 - Determine</p>	Access Web resources for Wk 1	<p>Introduction – Week 1 forum posting (mandatory - ungraded)</p> <p>Forum #1</p>

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		measures to ensure convergence is an essentially positive force for change.		
2	<p>Using the Chechen-AQ link to discuss the challenge of nuclear WMD</p> <p>The Iranian WMD threat</p>	<p>LO1 - Diagram the link between Chechen separatists and Al Qaeda.</p> <p>LO2 - Analyze the reports concerning the transfer of nuclear weapons-grade materials and/or tactical nuclear weapons to Al Qaeda.</p> <p>LO3 - Develop strategies to mitigate the threat.</p> <p>LO4 – Identify the extent of the Iranian nuclear threat</p>	Access Web resources for Wk 2	Quiz #1
3	<p>Essential elements of IT security system design</p> <p>IT and physical security convergence – potential outcomes</p> <p>Identity theft</p>	<p>LO1 - Calculate the fundamental elements of a successful IT security program.</p> <p>LO2 - Estimate</p>	Access Web resources for Wk 3	Forum #2a Forum #2b

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		<p>the potential consequences of the convergence of physical and IT security operations.</p> <p>LO3 - Evaluate security system elements which minimize the risk of identity theft.</p>		
4	<p>The burgeoning role of PMCs in the global security industry</p> <p>Impact of PMCVs on national defense policy</p> <p>Pros and cons of PMC usage</p>	<p>LO1 - Develop a definition of military contracting and a conceptualization of the role of PMCs in the 21st Century.</p> <p>LO2 - Analyze the impact of the rise of PMCs on national policy and military planning.</p> <p>LO3 - Compare and contrast the pros and cons of potential PMC employment.</p>	Access Web resources for Wk 4	Forum #3a Forum #3b
5	Overview of Critical National Infrastructure (CNI)	LO1 - Categorize what	Access Web resources for Wk 5	Quiz #2

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	<p>Consequences of security failures involving CNI</p> <p>CNI security strategies</p>	<p>constitutes critical national infrastructure (CNI).</p> <p>LO2 - Demonstrate the impact of a failure to secure CNI.</p> <p>LO3 – Operationalize various means for effectively securing CNI.</p>		
6	<p>The new paradigm of the Chief Security Officer in relation to the traditional security manager role</p> <p>The CSO in a globalized security industry</p> <p>Career planning for achieving CSO status</p>	<p>LO1 - Compare and contrast the span-of-control, authority, and professional requirements for the CSO in relation to the traditional view of a security manager.</p> <p>LO2 - Distinguish the role of the CSO in a global venue.</p> <p>LO3 - Diagram a strategy for achieving the goal of becoming a successful CSO.</p>	Access Web resources for Wk 6	Forum #4a Forum #4b

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7	<p>The increasing importance of cyber security in the 21st Century</p> <p>Cyber threats – the case of Estonia and the debacle of Wikileaks</p> <p>Emerging technologies and cyber security</p>	<p>LO1 - Evaluate the importance of cyber security as a sub-set of the security industry.</p> <p>LO2 – Calculate the principal categories of threat inherent to cyber systems.</p> <p>LO3 - Estimate the utility of emerging technologies in ensuring IT systems security.</p>	Access Web resources for Wk 7	Assignment #5 (Research Paper)
8	<p>21st Century security – nano-technology and artificial intelligence</p> <p>The increasing role of biometrics and their niche in modern security applications</p> <p>The impact of “smarty” technological solutions to security problems</p>	<p>LO1 - Evaluate the application of nano-technologies and artificial intelligence to the security profession.</p> <p>LO2 - Debate the impact of biometrics to the security profession.</p> <p>LO3 - Predict the role of “smart” technologies to the security</p>	Access Web resources for Wk 8	Final Exam

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profession.

[Table of Contents](#)

Policies

Please see the [Student Handbook](#) to reference all University policies. Quick links to frequently asked question about policies are listed below.

[Drop/Withdrawal Policy](#)

[Plagiarism Policy](#)

[Extension Process and Policy](#)

[Disability Accommodations](#)

Writing Expectations

All written submissions should be submitted in a font and page set-up that is readable and neat. It is recommended that students try to adhere to a consistent format, which is described below.

- Typewritten in double-spaced format with a readable style and font and submitted inside the electronic classroom (unless classroom access is not possible and other arrangements have been approved by the professor).
- Arial 11 or 12-point font or Times New Roman styles.
- Page margins Top, Bottom, Left Side and Right Side = 1 inch, with reasonable accommodation being made for special situations and online submission variances.

Citation and Reference Style

Attention Please: Students will follow the *Publication Manual of the American Psychological Association* (6th ed.) as the sole citation and reference style used in written work submitted as part of coursework to the University. Assignments completed in a narrative essay or composition format must follow the citation style cited in the aforementioned.

Publication Manual of the American Psychological Association (6th ed.). (2009).
Washington,

D.C.: American Psychological Association.

Late Assignments

Students are expected to submit classroom assignments by the posted due date and to complete the course according to the published class schedule. As adults, students, and

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working professionals, I understand you must manage competing demands on your time. Should you need additional time to complete an assignment, please contact me before the due date so we can discuss the situation and determine an acceptable resolution. Routine submission of late assignments is unacceptable and may result in points deducted from your final course grade.

Netiquette

Online universities promote the advancement of knowledge through positive and constructive debate – both inside and outside the classroom. Forums on the Internet, however, can occasionally degenerate into needless insults and “flaming.” Such activity and the loss of good manners are not acceptable in a university setting – basic academic rules of good behavior and proper “Netiquette” must persist. Remember that you are in a place for the rewards and excitement of learning which does not include descent to personal attacks or student attempts to stifle the Forum of others.

- Technology Limitations: While you should feel free to explore the full-range of creative composition in your formal papers, keep e-mail layouts simple. The Sakai classroom may not fully support MIME or HTML encoded messages, which means that bold face, italics, underlining, and a variety of color-coding or other visual effects will not translate in your e-mail messages.
- Humor Note: Despite the best of intentions, jokes and especially satire can easily get lost or taken seriously. If you feel the need for humor, you may wish to add “emoticons” to help alert your readers: ;-), :), ☺

Disclaimer Statement

Course content may vary from the outline to meet the needs of this particular group.

[Table of Contents](#)

Online Library

The Online Library is available to enrolled students and faculty from inside the electronic campus. This is your starting point for access to online books, subscription periodicals, and Web resources that are designed to support your classes and generally not available through search engines on the open Web. In addition, the Online Library provides access to special learning resources, which the University has contracted to assist with your studies. Questions can be directed to librarian@apus.edu.

- *Charles Town Library and Inter Library Loan:* The University maintains a special library with a limited number of supporting volumes, collection of our professors’ publication, and services to search and borrow research books and articles from other libraries.
- *Electronic Books:* You can use the online library to uncover and download over 50,000 titles, which have been scanned and made available in electronic format.

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- *Electronic Journals:* The University provides access to over 12,000 journals, which are available in electronic form and only through limited subscription services.
- *Tutor.com:* AMU and APU Civilian & Coast Guard students are eligible for 10 free hours of tutoring provided by APUS. [Tutor.com](http://www.tutor.com) connects you with a professional tutor online 24/7 to provide help with assignments, studying, test prep, resume writing, and more. Tutor.com is tutoring the way it was meant to be. You get expert tutoring whenever you need help, and you work one-to-one with your tutor in your online classroom on your specific problem until it is done.

Request a Library Guide for your course (<http://apus.libguides.com/index.php>)
The AMU/APU Library Guides provide access to collections of trusted sites on the Open Web and licensed resources on the Deep Web. The following are specially tailored for academic research at APUS:

- Program Portals contain topical and methodological resources to help launch general research in the degree program. To locate, search by department name, or navigate by school.
- Course Lib-Guides narrow the focus to relevant resources for the corresponding course. To locate, search by class code (e.g., SOCI111), or class name.

If a guide you need is not available yet, please email the APUS Library:
librarian@apus.edu.

[Table of Contents](#)

Turnitin.com

Faculty may require assignments be submitted to Turnitin.com. Turnitin.com will analyze a paper and report instances of potential plagiarism for the student to edit before submitting it for a grade. In some cases professors may require students to use Turnitin.com. Typically the course professor will establish a Turnitin.com access code for his/her classes. If the code has not been established, those who wish to use Turnitin.com may ask their professor to establish the code.

Special Note to Faculty: Please be certain to provide accurate directions and to set up the functionality appropriately.

Selected Bibliography

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Web Based Supplemental Resources

American Society for Industrial Security

<http://www.asisonline.org/>

Transportation Security Administration

<http://www.tsa.gov/public/>

Overseas Security Advisory Council (OSAC)

<https://www.osac.gov/Pages/Home.aspx>

Security Focus

<http://www.securityfocus.com/>

Corporate Security Resources

http://www.csr-i.com/management_resources.shtml

[Table of Contents](#)

Weekly Summaries

In this course, we assess the role of security professionals in the 21st Century from eight perspectives. The perspectives, examined one per week, follow:

Week One

Scope: The students evaluates and critiques the impact of the convergence of public and private sector security in the Post 9/11 world

Text: A, Prof. Fowler's PowerPoint presentation and handout

Objectives:

- 1 - Compare and contrast the pros and cons of public and private sector security convergence efforts.
- 2 - Identify and evaluate the fundamental elements dictating convergence.
- 3 - Determine measures to ensure convergence is an essentially positive force for change.

Readings: Read the report: "The Security Industry Today and Tomorrow: An Asia Pacific Perspective located In "Resources" in the folder marked, "SCMT374 - Required Readings & Presentations - Week One." (7 pp)

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Read the report: “Private Security: In the Public Interest?” located In “Resources” in the folder marked, “SCMT374 - Required Readings & Presentations - Week One.” (25 pp)

Multimedia Presentation: View A. Prof. Fowler’s PowerPoint presentation entitled: “Storm Warning: Homeland Security and the Challenges of the 21st Century at Home and Abroad” located in “Resources” in the folder marked, “SCMT374 - Required Readings & Presentations - Week One.” (35 slides)

Proceed to the following website and review the information on security convergence in enterprise security organizations:

<http://www.asisonline.org/newsroom/alliance.pdf> (32 pp)

Assignments:

Introduction – Week 1 forum posting (mandatory)

Forum #1 (Discussion Questions) is due this week. The discussion questions follow:

Responses must be a minimum of 500 words in length for each DQ. They must include material from additional sources and the sources must be properly cited in an APA References section after your DQ responses.

1. Identify and discuss three essential elements of convergence within the realm of public and private sector security.
2. Formulate a hypothesis as to the effectiveness and extent of convergence efforts over the next decade. Please note you must present a hypothesis and discuss it – not merely state a hypothesis alone.

Weekly “Professor Notes” are located in the “Course Announcements” tab in the electronic classroom.

Week Two

Scope: The student assesses the threat posed by Al Qaeda and associated Muslim extremists groups to American citizens and interests in the United States and abroad. Specifically, the student evaluates the likelihood that the aforementioned groups will successfully employ Weapons of Mass Destruction (WMD) in the form of nuclear materials and/or explosive devices against us.

Text: A. Prof. Fowler’s PowerPoint presentation and the associated materials you have studied.

Objectives:

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1 - Diagram the link between Chechen separatists and Al Qaeda.

2 – Analyze the reports concerning the transfer of nuclear weapons-grade materials and/or tactical nuclear weapons to Al Qaeda.

3 - Develop strategies to mitigate the threat.

4 - Identify the extent of the Iranian nuclear threat.

Readings: Read A. Prof. Fowler’s handout, “Chechen Terrorism: Russia’s Link to Al Qaeda” located in “Course Materials” in the folder marked, “SCMT374 - Required Readings & Presentations - Week Two.” (22 pp)

Proceed to the following website and view the information on why persons become terrorists: http://www.loc.gov/rr/frd/pdf-files/Soc_Psych_of_Terrorism.pdf (186 pp)

As a more contemporary addendum to the above,, the following video provides a look into the psyche of the cult of Muslim extremist suicide bombings:

<http://www.youtube.com/watch?v=Y7v1C0VUhyA>

Multimedia Presentation 1: View A. Prof. Fowler’s PowerPoint presentation on this week’s topic located in “Course Materials” in the folder marked, “SCMT374 - Required Readings & Presentations - Week Two.” (24 slides)

Video Presentation 2: General Wesley Clark on Iran’s nuclear program:

http://www.youtube.com/watch?v=F4_aHxVTzX4

Video Presentation 3: STUXNET malware and how it affected the PLC of the Iranian nuclear program equipment (Symantec presentation):

<http://www.youtube.com/watch?v=cf0jlzVCyOI>

Assignment: Quiz #1 is administered this week.

Weekly “Professor Notes” are located in the “Course Announcements” tab in the electronic classroom.

Week Three

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Scope: The student validates information technology (IT) security fundamentals. The student judge the necessity for combining the IT and physical security functions at some level within the organization.

Objectives:

- 1 - Calculate the fundamental elements of a successful IT security program.
- 2 - Estimate the potential consequences of the convergence of physical and IT security operations.
- 3 - Evaluate security system elements which minimize the risk of identity theft.

Required Readings:

1 - Proceed to the following website and download the .pdf file associated with the IBM document: "Red Paper: WebSphere Security Fundamentals." Review all.
<http://www.redbooks.ibm.com/redpapers/pdfs/redp3944.pdf> (66 pp)

2 – Proceed to the following website and review the information on the future of cloud computing:

<http://vmblog.com/archive/2011/11/08/centrify-2012-in-cloud-computing-expect-more-consumerization-and-more-security-concerns.aspx> (2 pp)

3 - Proceed to the following website and read the article concerning the convergence pf IT and physical security operations:

http://www.csoonline.com/fundamentals/abc_convergence.html (4 pp)

4 – Proceed to the following website and view the article on Identity theft by FBI expert Frank Abegnale Jr:

http://www.abagnale.com/pdf/FA_IDS_CC_Nwltr_WEB.pdf (4 pp)

Multimedia Presentation: Proceed to the following website and view the PowerPoint presentation on "Identity Theft:"

<http://www.dma.org/2004-01-slides/IDTheft.pdf> (26 slides)

Assignment: Forums #2a and #2b (Discussion Questions) are due this week. The discussion questions follow:

Responses must be a minimum of 500 words in length for each DQ. They must include material from additional sources and the sources must be properly cited in an APA References section after your DQ responses.

Forum #2a - Compare and contrast the pros and cons of combining the IT and physical security functions in a medium to large-size firm with complex IT system requirements and a global footprint.

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Forum #2b - Reconstruct the fundamental components of an IT security system and explain how their integration supports and enhances the overall security profile of the organization.

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Week Four

Scope: The student measures the impact of the rise of Private Military Companies (PMCs) since the end of the Cold War era. The student estimates their impact on traditional military forces, government policy, and in terms of employment and career opportunities.

Objectives:

- 1 - Develop a definition of military contracting and a conceptualization of the role of PMCs in the 21st Century.
- 2 - Analyze the impact of the rise of PMCs on national policy and military planning.
- 3 - Compare and contrast the pros and cons of potential PMC employment.

Required Readings:

1 - Proceed to the following website and read the article entitled: “Contractors on the Battlefield: The Ethics of Paying Civilians To Enter Harm's Way and Requiring Soldiers To Depend upon Them,” by Gordon L. Campbell:

<http://www.usafa.edu/isme/JSCOPE00/Campbell00.html> (10 pp)

2 - Proceed to the following website and read the presentation extract entitled: “Corporate Warriors: The Privatized Military and Iraq,” by P. W. Singer, Joanne J. Myers:

<http://www.cceia.org/resources/transcripts/5287.html> (25 pp)

Multimedia Presentation: Proceed to the following website and view the video on the use of private security to mitigate the risk of piracy off the coast of Africa”:

<http://www.youtube.com/watch?v=MQ8A9FGiwpM>

Assignment: Forums #3a and #3b - (Discussion Questions) are due this week. The discussion questions follow:

Responses must be a minimum of 500 words in length for each DQ. They must include material from additional sources and the sources must be properly cited in an APA References section after your DQ responses.

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Forum #3a - Compare and contrast the pros and cons of the rise of Private Military Companies (PMCs) and Private Security Companies (PSCs) and their operations in conflict zones.

Note: Since the course materials were created, there has been a significant change in the legal status of PMCs. With the passing of the National Defense Authorization Act of 2007, U.S. PMCs and PSCs working in the field with U.S. forces in contingency operations and in war zones fall under the tenets of the *Uniform Code of Military Justice* (UCMJ). This rule applies ONLY to U.S. PMCs.

Forum #3b - Assess the question of whether profit-driven PMCs and PSCs should be entrusted with critical military and governmental functions as opposed to leaving such functions in the hands of traditional governmental entities. Consider the long-term impacts.

Weekly “Professor Notes” are located in the “Course Announcements” tab in the electronic classroom.

Week Five

Scope: The student assesses the issue of critical national infrastructure (CNI) and analyzes effective security policies, plans, procedures, and methodologies for ensuring its continued security.

Objectives:

- 1 - Categorize what constitutes critical national infrastructure (CNI).
- 2 - Demonstrate the impact of a failure to security CNI.
- 3 - Operationalize various means for effectively securing CNI.

Required Readings:

1 - Proceed to the following website and review the Congressional Research Service Report (CRS) entitled: “Critical Infrastructure: The National Asset Database.”

<http://www.fas.org/sgp/crs/homsec/RL33648.pdf> (19 pp)

2 - Proceed to the following website and view the 2009 *National Infrastructure Protection Plan*:

http://www.dhs.gov/xlibrary/assets/NIPP_Plan.pdf

<http://www.educase.edu/ir/library/pdf/CSD3754.pdf>

(188 pp)

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3 - Proceed to the following website and review the document entitled, “Complex Adaptive System of Systems (CASoS) Roadmap”:

http://www.sandia.gov/nisac/docs/CASoSEngineeringRoadmap_09.22.08.pdf (54 pages)

Assignment: Quiz #2 is administered this week.

Weekly “Professor Notes” are located in the “Course Announcements” tab in the electronic classroom.

Week Six

Scope: The student evaluates the impact of the creation of the Chief Security Officer (CSO) position and its impact on the prestige and authority of the profession within the U.S. business world. The impact is assessed within a global business venue.

Objectives:

- 1 - Compare and contrast the span-of-control, authority, and professional requirements for the CSO in relation to the traditional view of a security manager.
- 2 - Distinguish the role of the CSO in a global venue.
- 3 - Diagram a strategy for achieving the goal of becoming a successful CSO.

Required Readings:

1 - Proceed to the following websites and review the CSO information:
http://www.securitydreamer.com/2007/03/job_description.html (3 pp.)

2 - See the resume’ of a security professional seeking a CSO position located at:
<http://www.aspirationsresume.com/Samples/LawEnforcement/ChiefofSecurity.html> (3 pp)

Optional if you are an ASIS member:

The 2008 version of the ASIS CSO Guidelines are available from the ASIS Bookstore and one free copy is authorized for download if you are an ASIS Member
<http://www.abdi-secure-ecommerce.com/asis/p-921-1833.aspx> (26 pp)

Note: If you are not an ASIS member – it is not necessary for you to have this information to complete the assignment successfully – simply proceed using the other resources listed.

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3 - Proceed to the following Web resource and read the article entitled, “Managing Security Overseas: Contact and Coordination with Local, Regional, and International Authorities”:

http://www.csoonline.com/article/507765/Managing_Security_Overseas_Contact_and_Coordination_with_Local_Regional_and_International_Authorities?page=1

(6 pp)

4 - The following website is the homepage of the “CSO Magazine,” an excellent on-line magazine devoted to CSO issues:

<http://www.csoonline.com/> (10 pp)

Assignment: Forums #4a and #4b (Discussion Questions) is due this week. The discussion questions follow:

Responses must be a minimum of 500 words in length for each DQ. They must include material from additional sources and the sources must be properly cited in an APA References section after your DQ responses.

Forum #4a - Formulate a detailed job description for a typical CSO.

Forum #4b - Discuss why global experience is often a definite plus when considering applicants for a CSO position.

Weekly “Professor Notes” are located in the “Course Announcements” tab in the electronic classroom.

Week Seven

Scope: The successful student measures the importance of cyber security in the 21st Century. He or she critiques and assesses emerging technologies which may prove of enormous benefit over the next decade.

Objectives:

- 1 - Evaluate the importance of cyber security as a sub-set of the security industry.
- 2 - Calculate the principal categories of threat inherent to cyber systems.
- 3 - Estimate the utility of emerging technologies in ensuring IT systems security.

Required Readings:

1 - Proceed to the following website and read the article entitled, “Managing Emerging Security Threats”:

http://www.surfcontrol.com/uploadedfiles/Mnging_Security_Threats.pdf (12 pp)

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2 – **Multi-media Presentation:** Proceed to the following website and view the video entitled: “Cyber-Terrorism Threat”:

<http://security.blogs.cnn.com/2011/08/26/cyber-terrorism-threat/>

3 - Proceed to the following website and review the PowerPoint presentation entitled: “Security Risks with New Technology.”

www.asisonline.org/lac/executive/teletech.ppt (14 slides)

4 – Estonia – the model for future cyber war. Proceed to the following website and view the article entitled, “Cyber War I: Estonia Attacked from Russia”:

http://findarticles.com/p/articles/mi_7054/is_1-2_9/ai_n28550773/ (6 pp)

5 – WikiLeaks – the insider threat. Proceed to the following website and view the article entitled, “WikiLeaks and the Authorized Insider Threat”:

http://www.cio.com/article/654863/Wikileaks_and_the_Authorized_Insider_Threat?source=rss_news (3 pp)

Assignment: Assignment #5 (Research Paper) is due this week.

Weekly “Professor Notes” are located in the “Course Announcements” tab in the electronic classroom.

Week Eight

Scope: The student assesses new technologies and trends and their applications to the security profession.

Objectives:

- 1 - Evaluate the application of nano-technologies and artificial intelligence to the security profession.
- 2 - Debate the impact of biometrics to the security profession.
- 3 - Predict the role of “smart” technologies to the security profession.

Required Readings:

1 - Proceed to the following website and read the article entitled, “Nanotechnology and the Fight Against Terrorism.”

<http://www.directionsmag.com/articles/nanotechnology-and-the-fight-against-terrorism/123894> (6 pp)

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2 - Proceed to the following Web resource and review the many resources available on biometrics:

<http://www.infosyssec.net/infosyssec/security/biomet1.htm> (60 pp)

3 - Proceed to the following website and read the white paper entitled, “Using Smart Cards for Secure Physical Access:”

<http://www.smartcardalliance.org/pages/publications-secure-physical-access-report>
(54 pp)

Note: for an update on the above, see the article, “German Researchers Hack, Clone Common Smart Card Model” located at:

<http://www.dw-world.de/dw/article/0,,15511213,00.html> (2 pp)

Assignment: Final exam due this week.

Weekly “Professor Notes” are located in the “Course Announcements” tab in the electronic classroom.

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