*Please note that this syllabus should be regarded only as a general guide to the course and is subject to change at the instructor’s discretion.

ADCY635001 – Incident Response and Management - 3 Credits
Boston College Summer Session 2016
Summer Session 2, June 27 – August 5
Monday, Wednesday from 6:30 pm – 9:45 p.m.

Instructor Name:
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Phone Number: (781) 635-7554
Office:
Office Hours:

Boston College Mission Statement
Strengthened by more than a century and a half of dedication to academic excellence, Boston College commits itself to the highest standards of teaching and research in undergraduate, graduate and professional programs and to the pursuit of a just society through its own accomplishments, the work of its faculty and staff, and the achievements of its graduates. It seeks both to advance its place among the nation's finest universities and to bring to the company of its distinguished peers and to contemporary society the richness of the Catholic intellectual ideal of a mutually illuminating relationship between religious faith and free intellectual inquiry.

Boston College draws inspiration for its academic societal mission from its distinctive religious tradition. As a Catholic and Jesuit university, it is rooted in a world view that encounters God in all creation and through all human activity, especially in the search for truth in every discipline, in the desire to learn, and in the call to live justly together. In this spirit, the University regards the contribution of different religious traditions and value systems as essential to the fullness of its intellectual life and to the continuous development of its distinctive intellectual heritage.

Course Description
Incident Response & Management: Course provides an understanding of the design and development of a Cybersecurity strategy which aligns with private industry and government needs, including incident documentation/analysis, response planning, and the role of a critical event response team (CERT) in determining recovery, managing liability and communications, coordinating with law enforcement, and protecting corporate reputation. Course also examines leadership and the adoption and implementation of a proactive stance through monitoring and responding to internal and external intelligence, including monitoring network traffic, activity logs (SIEM) for data breaches, denial of service (DoS), and integrity events, and outlines the roles of information security operations centers (ISOCs) and network operations centers (NOCs).
Textbooks & Readings (Required)
None

Textbooks & Readings (Recommended)
NIST 800-84

Canvas
Canvas is the Learning Management System (LMS) at Boston College, designed to help faculty and students share ideas, collaborate on assignments, discuss course readings and materials, submit assignments, and much more - all online. As a Boston College student, you should familiarize yourself with this important tool. For more information and training resources for using Canvas, click here.

Course Objectives
1. To have clear insight relative to Incident Response Plan as it relates to IS
2. To be able to produce an IRP for various industry verticals and test such plans for feasibility
3. The student will demonstrate ability to respond, evaluate, and remediate information security incidents of varied size and impact.

Grading
Grading will be the result of the work product furnished by the student at the end of the session

The graduate grading system for Summer Session is as follows:

A (4.00), A- (3.67)
B+ (3.33), B (3.00)
B- (2.67), passing but does not count toward degree
C (2.00), passing but not for degree credit
F (.00)

All students can access final grades through Agora after the grading deadline each semester. Transcripts are available through the Office of Student Services.

Deadlines and Late Work
Late work will be accepted on a case by case basis – Deadline will be August 5 for full assignment to be turned in

Course Assignments

The overall course assignment will be to produce a complete Incident Response Plan for an industry vertical that will be assigned, (e.g. Government, Financial, Manufacturing, Pharmaceutical, etc.). Given that the course meets twice per week for over 6 hours of class time, the students should expect to utilize the concepts presented and discussed to create an outline for the IR, with the goal of producing a fully functional, tested IR by August 5.
Course Schedule  
Prof Burns - teaches Mondays

<table>
<thead>
<tr>
<th>Date/Week</th>
<th>Topic</th>
<th>Reading/Assignments</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/27</td>
<td>IR foundation</td>
<td>NIST 800-84</td>
<td>8/05</td>
</tr>
<tr>
<td>7/4</td>
<td>(No Class)</td>
<td>HOLIDAY</td>
<td></td>
</tr>
<tr>
<td>7/11</td>
<td>US-CIRT/ISACS</td>
<td>Various</td>
<td>7/18</td>
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<tr>
<td>7/18</td>
<td>I/R Plans</td>
<td>Outline I/R Plan</td>
<td>7/25</td>
</tr>
<tr>
<td>7/25</td>
<td>Guest Lecturer</td>
<td>Incorporate speaker’s themes into IR Plan</td>
<td>8/1</td>
</tr>
<tr>
<td>8/1</td>
<td>Table Top Exercise</td>
<td>Existing IR Industry Vertical IR Template</td>
<td>8/5</td>
</tr>
</tbody>
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**Written Work**  
Summer Session students are expected to prepare professional, polished written work. Written materials must be typed and submitted in the format required by your instructor. Strive for a thorough yet concise style. Cite literature appropriately, using APA, MLA or CLA style per your instructor’s requirements. Develop your thoughts fully, clearly, logically and specifically. Proofread all materials to ensure the use of proper grammar, punctuation and spelling. For writing support, please contact the Connors Family Learning Center.

**Attendance**  
Attending class is an important component of learning. Students are expected to attend all class sessions. When circumstances prevent a student from attending class, the student is responsible for contacting the instructor before the class meets. Students who miss class are still expected to complete all assignments and meet all deadlines. Many instructors grade for participation; if you miss class, you cannot make up participation points associated with that class. Makeup work may be assigned at the discretion of the instructor. If circumstances necessitate excessive absence from class, the student should consider withdrawing from the class. Student attendance will be necessary in order to build upon the concepts necessary to produce a comprehensive Incident Response Plan.

Consistent with BC’s commitment to creating a learning environment that is respectful of persons of differing backgrounds, we believe that every reasonable effort should be made to allow members of the university community to observe their religious holidays without jeopardizing their academic status.
Students are responsible for reviewing course syllabi as soon as possible, and for communicating with the instructor promptly regarding any possible conflicts with observed religious holidays. Students are responsible for completing all class requirements for days missed due to conflicts with religious holidays.

**Accommodation and Accessibility**
Boston College is committed to providing accommodations to students, faculty, staff and visitors with disabilities. Specific documentation from the appropriate office is required for students seeking accommodation in Summer Session courses. Advanced notice and formal registration with the appropriate office is required to facilitate this process. There are two separate offices at BC that coordinate services for students with disabilities:

- **The Connors Family Learning Center (CFLC)** coordinates services for students with LD and ADHD.
- **The Disabilities Services Office (DSO)** coordinates services for all other disabilities.

Find out more about BC’s commitment to accessibility at [www.bc.edu/sites/accessibility](http://www.bc.edu/sites/accessibility).

**Scholarship and Academic Integrity**
Students in Summer Session courses must produce original work and cite references appropriately. Failure to cite references is plagiarism. Academic dishonesty includes, but is not necessarily limited to, plagiarism, fabrication, facilitating academic dishonesty, cheating on exams or assignments, or submitting the same material or substantially similar material to meet the requirements of more than one course without seeking permission of all instructors concerned. Scholastic misconduct may also involve, but is not necessarily limited to, acts that violate the rights of other students, such as depriving another student of course materials or interfering with another student’s work. Please see the [Boston College policy on academic integrity](http://www.bc.edu/sites/accessibility) for more information.