Program Logistics for:
Cyber Security Fundamentals Certificate

Naval Postgraduate School
Center for Information Systems Security Studies and Research (CISR)
Monterey, CA 93943
cyber@nps.edu
Overview

This document is intended to describe the programs, courses and logistics pertaining the Cyber Security Fundamentals Graduate Certificate offered at the Naval Postgraduate School. The document contains the following sections:

1. Program Descriptions
2. Program Course Sequence and Schedule
3. Academic Calendar Years
4. Program Timelines

This is a “living” document and will be updated with changes and recommendations as deemed necessary.
1 Program Descriptions

Cyber Security Fundamentals Certificate:

The Cyber Security Fundamentals graduate certificate is intended to provide a technically rigorous foundation upon which to build knowledge and skills in computer network defense, attack and exploitation. Each course is comprised of both instruction and laboratory exercises involving cyber security aspects of computers and networks. These synergistic activities allow students to internalize key concepts in cyber security. The courses and material covered in the Cyber Security Fundamentals certificate satisfy prerequisite requirements for advanced courses in cyber security offered in the Computer Science Department of the Naval Postgraduate School. In addition, the Cyber Security Fundamentals certificate satisfies requirements for the following Committee on National Security Systems (CNSS) certificates: CNSSI 4011, CNSSI 4013, and CNSSI 41014 for which NPS was recertified on 31 July 2008.

This program is for U.S. Government civilians and Military personnel only.
2 Program Course Sequence and Schedules

Cyber Security Fundamentals
Certificate
Course Sequence
Curriculum: 256

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Courses Start</th>
<th>CS3600 (4-2) Introduction to Computer Security</th>
<th>CS3690 (4-1) Network Security</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sept 2012</td>
<td>CS3670 (3-2) Information Assurance: Secure Mgmt of Systems</td>
<td>CS3695 (3-2) Network Vulnerability Assessment and Risk Mitigation</td>
</tr>
<tr>
<td>2</td>
<td>January 2013</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specifics:
1. Courses will convene via Sakai, which is the NPS Distance Learning platform.
2. All courses are taught as asynchronous; meaning there are no scheduled “lecture” times during the week.
3. All courses will have weekly assignments, discussion questions, quizzes, weekly lectures (via PowerPoint, video lectures, etc.), midterms, class projects (individual and/or group effort), and final exams.
4. All course activities are dictated by the Professor conducting the class and will be listed in the course syllabus and/or course forum within Sakai.
5. This is GRADUATE EDUCATION, not training. Therefore, except to spend approximately 4-8 hours per class, per week to complete the coursework as instructed.
6. Since this is GRADUATE EDUCATION, you will be required to perform “hands-on” exercises and work with the “nuts and bolts” of computer programs.
7. Program consists of two (2) courses per quarter and is completed in 2 quarters, or 6 months.
8. For more detailed information pertaining to Distance Learning courses at NPS, please refer to the NPS Distance Learning website at: http://www.nps.edu/dl/
### 3 Academic Calendar Years

**ACADEMIC CALENDAR  **  **AY 2013**

#### Fall Quarter
- Instruction Begins..........................Monday 24 Sept 2012
- Last day of classes.........................Friday 7 Dec
- Final Examinations Begin.................Tuesday 11 Dec
- Final Examinations End......................Thursday 13 Dec
- Graduation..................................Friday 14 Dec
- Christmas Break............................17 Dec - 4 Jan 2013

#### Winter Quarter
- Instruction Begins..........................Monday 7 Jan 2013
- Last day of classes.........................Tuesday 19 Mar
- Final Examinations Begin...............Thursday 21 Mar
- Final Examinations End......................Saturday 23 Mar
- Graduation..................................Friday 29 Mar
# 4 Program Timelines

**Sept 2012 Start: 1st Quarter – AY13 Q1**

<table>
<thead>
<tr>
<th>Steps</th>
<th>Description</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NPS Online Application Completed (including Official Transcript from Bachelors Degree)</td>
<td>29 JUN 12</td>
</tr>
<tr>
<td>2</td>
<td>Tuition Funds Received NLT</td>
<td>17 SEPT 12</td>
</tr>
<tr>
<td>3</td>
<td>Course Pre-work sent to students for Sept 2012 start</td>
<td>10 SEPT 12</td>
</tr>
<tr>
<td>4</td>
<td>Courses Start</td>
<td>24 SEPT 12</td>
</tr>
</tbody>
</table>

**Jan 2013: 2nd Quarter – AY13 Q2**

<table>
<thead>
<tr>
<th>Steps</th>
<th>Description</th>
<th>Deadline</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Course Pre-work sent to students for July 2012</td>
<td>21 DEC 2012</td>
</tr>
<tr>
<td>2</td>
<td>Courses Start</td>
<td>07 JAN 2013</td>
</tr>
</tbody>
</table>