Instructor Information:

Instructor: Mr. Charles Cadenhead
Voice Mail: (972) 860-4178 E-Mail: ccadenhead@dcccd.edu
Chat Hours: As needed. Usually twice during the semester. Dates and times to be announced.

Important Contacts:

For problems logging in, accessing the web site or other technical issues:
Technical Support - call 972-669-6402 or E-Mail ecampus.support@dcccd.edu
General questions about on-line Computer Information Technology courses
offered through Brookhaven:
Ms. Tarrilynn Wall - call 972-860-4746 or E-Mail TWall@dcccd.edu

Course Description:

This is the capstone course in a series of Information Security courses. It synthesizes technical
material covered in prior courses to monitor, audit, analyze, and revise computer and network
security systems to ensure appropriate levels of protection are in place.

On-line means that you take the entire course via a computer connected to the Internet and do not
have to attend scheduled class meetings or visit the campus during the semester. On-line also
implies that you will use the Internet as a research tool when working on various assignments. While
you may work wherever and whenever you like, you will be expected to follow a schedule with due
dates for various activities. Fall and Spring semester students should plan to spend 7-10 hours a
week on this course, Summer semester students should plan to work on it almost every day.

Important Note: On-line courses have advantages and disadvantages over regular classroom
classes and it's very important that you be aware of the differences. Before you register or begin your
work, have a look at "Should I Take an On-line Course?". It's located in the Course Information
section - the same place that you found this Syllabus.

Course Prerequisites:

This course has a pre-requisite of ITSY 1400: Fundamentals of Information Security or ITSY 2400:
Operating System Security

Course Objectives:

Upon successful completion of this course, the student will:

- Be able to ensure the security of Internet services by applying known safety techniques.
- Be able to apply data protection methods, such as encryption and backups.
• Be able to determine the details of an attack incident.
• Know how to apply physical security devices.
• Be able to develop a security plan.
• Be able to develop a disaster recovery plan.

Course Materials:

Students are required to use the following textbook:


You can purchase this book from

- From the Brookhaven College Bookstore (phone 972-484-7652).
- Or visit [eFollett.com](http://eFollett.com) online

You will also need convenient access to an IBM-type PC with:

1) Windows 2000 or XP
2) At least 32Mb RAM
3) A hard drive with 1Mb of free space
4) An Internet connection, either via modem or LAN
5) A Web Browser such as Netscape Communicator 6.0 (or higher) or Microsoft Internet Explorer 6.0 (or higher)
6) A recent version of the Adobe Acrobat reader will help you view some supplementary material. While it's not absolutely required, it will help you get some good background information. If you don't have it, go to [http://www.adobe.com](http://www.adobe.com) (in a separate browser window from this one) and look for a link called something like "Get Adobe Reader".
7) Homework in this class will require you to generate word processing files to be read and graded. Microsoft Word (any recent version) is highly recommended, but is not required. Windows computers usually come with "simple" word processors such as NotePad and WordPad, and those may also be employed. Your Instructor can read .doc, .rtf, and .txt files without trouble in most cases.

Student Contributions:

Experiences in this course include:

1) Reading assignments.
2) Online attendance. Although this is not a traditional class with specific meetings at given times, your "attendance" is measured by the frequency and quality of your interactions with your instructors and, in some cases, other students.
3) Homework assignments, including some research conducted over the Internet.
4) Communicating via live chat, a newsgroup-type discussion board and E-Mail.
5) Testing.

Course Evaluation:
You will accumulate course points for work done as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Maximum Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments</td>
<td>450</td>
</tr>
<tr>
<td>Test @ 100 points each</td>
<td>400</td>
</tr>
<tr>
<td>4 discussion board posts @ 50 points each</td>
<td>150</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1000</strong></td>
</tr>
</tbody>
</table>

Your final course grade will be determined as shown:

<table>
<thead>
<tr>
<th>Points Earned</th>
<th>Final Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>900-1000</td>
<td>A</td>
</tr>
<tr>
<td>800-899</td>
<td>B</td>
</tr>
<tr>
<td>700-799</td>
<td>C</td>
</tr>
<tr>
<td>600-699</td>
<td>D</td>
</tr>
<tr>
<td>000-599</td>
<td>F</td>
</tr>
</tbody>
</table>

**General Course Policies:**

1) This is not a self-paced class. Your work in this course should generally follow the Course Schedule, which includes due dates for assignments. Late assignments may be assessed a penalty of 1 point per day. Please contact your instructor in case of illness or an absence which will take you "off-line" for a period of time. He will be happy to work with you and make schedule adjustments if necessary.

2) You are always welcome to ask questions of your instructor, and are encouraged to do so. You may also hold discussions with other students as well but you are expected to do your assignments alone. This course is, after all, more about your learning networking than simply scoring a lot of points. You're only cheating yourself if you cheat.

3) You may not turn in an assignment more than one time for credit (i.e. Don't correct mistakes and re-submit).

4) All quizzes are on-line and may be taken whenever you like during the semester. Quizzes are timed and must be completed after it has been started. Your Course Schedule has suggested dates. You may not repeat a quiz for a higher grade.

5) You may use any material you desire to aid you in your quiz taking, but you may not work with another student. Different people get different versions of the quizzes, so it won't help you anyway.

6) Your instructor will hold periodic on-line chat sessions, typically once a week for an hour. Your participation is invited but not required. During this time, you may discuss whatever you like with your instructor and other students present in the virtual classroom.

7) Your instructor will make every attempt to insure that you receive timely feedback when communicating. In general he will reply to you within a few days of your initial contact.
8) All of your coursework must be completed by the last course day (as noted in the Course Schedule). Your instructor must submit your final course grade to the Brookhaven Registrar on the next day, so it will do you no good to submit work or take a test after that point.

Syllabus Addendum:

For more information about the withdraw policy, Financial Aid statement, religious holidays, academic integrity and more see: http://www.brookhavencollege.edu/about/vpi/Pages/Syllabus-Addendum.aspx