

**River Valley Community College**  
Claremont Campus  
1 College Place  
Claremont, NH 03743-9707

Business and Information Technology Department  
Course Title: **Secure Electronic Commerce CYSC 140** – 3 Credits

## **Syllabus**

Spring 2015

Instructor: Bob Morris

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**Class Meetings:** Room 153 – Tuesdays 5:00 – 8:50 pm

**Office Hours:** By Appointment

**Contact Information:** [rmorris@ccsnh.edu](mailto:rmorris@ccsnh.edu)

**Prerequisites / Corequisites:** None

### **Course Description:**

Students will learn about the history, present, and future of electronic commerce in the world. The student will also learn about the threats, vulnerabilities, and policies when dealing with commerce in the electronic age.

### **Course Competencies:**

Please refer to the course outline for a complete description, competencies, and other relevant course information.

### **( 2 ) Required Textbook & Lab Manual w/access code & ( 1 ) Virtual Lab Online Access:**

TITLE: *Security Strategies in Web Applications and Social Networking*

AUTHOR: Mike Harwood

EDITION:

COPYRIGHT YEAR: 2011

PUBLISHER: Jones & Bartlett Learning

ISBN: 9780763791957

TITLE: *Security Strategies in Web Applications and Social Networking Laboratory Manual with Access Code*

AUTHOR:

EDITION:

COPYRIGHT YEAR: 2013

PUBLISHER: Jones & Bartlett Learning

ISBN: 9781284065046

TITLE: *Security Strategies in Web Applications & Social Networking*

AUTHOR: Vlabsolutions

EDITION:

COPYRIGHT YEAR:

PUBLISHER:

ISBN: 9781449638597

**Course Plan – Spring Semester:** Please note—tentative and subject to change

<u>Date Due</u>	<u>Topics</u>	<u>Reading &amp; Assignments Due</u>
01/20/15	Introduction	-
01/27/15	Mainframe to Client/Server to World Wide Web Brick & Mortar to E-commerce to E-business Transformation	Chapter 1 Chapter 2
02/03/15	Evolution of People-to-People Communications	Chapter 3
02/10/15	Personal Communication to Social Networking	Chapter 4
02/17/15	Mitigating Risk When connecting to the Internet	Chapter 5
02/24/15	Mitigating Web Site Risks, Threats, and Vulnerabilities	Chapter 6
03/03/15	Introducing Web Application Security Consortium (WASC) Securing Web Applications	Chapter 7 Chapter 8
03/10/15	Midterm Exam	-
03/17/15	NO Class - Spring Break	-
03/24/15	Mitigating Web Application Vulnerabilities	Chapter 9
03/31/15	Maintaining PCI DSS Compliance for E-commerce Web Sites Testing and Quality Assurance for Production Web Sites	Chapter 10 Chapter 11
04/07/15	Performing a Web Site Vulnerability and Security Assessment	Chapter 12
04/14/15	Securing Endpoint Device Communications Securing Personal and Business Communications	Chapter 13 Chapter 14
04/21/15	Web Application Security Organizations, Education, Training and Certification	Chapter 15

04/28/15	Final Exam	-
05/05/15	Course Project and Presentations	-

### Course Plan – Assessment

Assignment:	Weight:
Weekly Homework	20%
Discussion / Participation	15%
Midterm Exam	15%
Final Exam	20%
Final Project w/Presentation	30%
<b>Total</b>	<b>100%</b>

### Grading

Final grades will be assigned as follows:

A	94 – 100
A-	90 – 93
B+	86 – 89
B	83 – 85
B-	80 – 82
C+	76 – 79
C	73 – 75
C-	70 – 72 (Non-Transferable)
D	60 – 69 (Essentially an F)
F	59 and Below

### Student Handbook:

All students are expected to read and to be familiar with the River Valley Community College Student Handbook. This handbook contains important policies and procedures related, but not limited, to the following: academic affairs, student services, general policies and services, and student activities and organizations.

**Cell Phones:**

All students are required to read and to comply with the cell phone usage policy in the Student Handbook (approx. page 39). Students are expected to demonstrate professional behavior and common courtesy during class time. Students will be asked to put cell phones away during exam periods.

**Student Email:**

Each student at River Valley Community College is issued a student email address. Please refer to the Student Handbook (approx. page 16) for additional information. Students are encouraged to use this address for course communication and to check their email on a regular basis.

**Late Assignments:**

Late assignments will be marked down at the instructor's discretion. Also, assignments that are more than two weeks overdue will not be accepted unless there are extenuating circumstances and alternative arrangements have been made.

**Course Procedures/Rules of Conduct/Ethics:**

Please refer to the *Student Handbook* for clarification of academic honesty. The computer technology program has a very specific code of conduct. Lying, cheating, stealing or tolerating those in the program who do, is not acceptable.

**Intellectual Property Rights:**

Students enrolled in this course that choose to continue past the course drop date with full refund (see approx. page 32 of the student handbook) have chosen to opt in to the conditions of this course. Any and all work completed by the students, as part of this course, is the property of River Valley Community College and may be used by the faculty or staff in any way to better the academic community at RVCC. Students will receive appropriate acknowledgment or credit for such usage.

**Accommodations for Students with Learning Disabilities:**

This college provides reasonable accommodations for students with learning disabilities. Students who require course accommodations due to documented disabilities must share their college Accommodation Plans with me. Please contact the Disability Coordinator at 542-7744, extension 5421, [cdriesch@ccsnh.edu](mailto:cdriesch@ccsnh.edu) if you do not have a college plan or would like more information about disability services.

**Student Support Services:**

All students are invited to visit the Department of Instructional Services 542-7744, extension 5421, [cdriesch@ccsnh.edu](mailto:cdriesch@ccsnh.edu) for information on how to access tutoring, Writing Center, PLATO, personal computers, related academic workshops, and disability support services.

**Attendance:**

Attendance is a very important element to college success. Please act responsibly.

- *Due to Federal Financial Aid regulations attendance is periodically reported to the Registrar.*

**Cancellations/Delays:**

Information regarding the College's procedures is detailed in the Student Handbook (approx. page 14).

**Classroom Safety:**

Safety is everyone's responsibility.

**CAVEAT:**

This syllabus is subject to change at any time.