

CST 109 - Computer and Malware History Fall 2016

Contact Information for Diana LaBelle

Office Location	AT-006D	Office Hours	Posted on my door and in Blackboard
Email	Through Blackboard only please	Office Phone	607-778-5122

Course Materials

Textbook	<u>Computer: A History of the Information Machine, 3/e</u> Martin Campbell-Kelly, William Aspray, Nathan Ensmenger, Jeffrey R. Yost ISBN-10: 0813345901, ISBN-13: 9780813345901 (c)2013 Westview Press
Reader	Adobe Reader for PDF

Course Description & Prerequisites

Availability	All the course material is available online for all students at https://broome.open.suny.edu/default.asp
Course Description	This course explores the history of the personal computer industry, and relates the evolution of computers with that of networking and the emergence of malicious code, Internet attacks, and identity theft. The relationship between all three is explored in depth, so that the student has a clear understanding of the environment in which they will be performing additional study, and eventually, actual work activities.
Pre-requisite or Co-requisite	None
Credits	3
Class Hours	3 Lecture Hours

Learning Outcomes

Upon successful completion of this course the student will be able to:

- Describe the evolution of the Intel microprocessor family and its relationship to the evolution of malicious code.
- Understand how the power of the personal computer is related to the microprocessor used inside it.
- Explain how the emergence of networking and the world-wide-web led to many of the computer security issues facing us today.
- Explain how microprocessor technology, computer networking, and operating system vulnerabilities all combine to enable the evolution and spread of malicious code.
- Describe how computers and the internet combine to enable identity theft and other illegal activities.

Course Evaluation

Your final grade will be based on the following evaluations:

- Weekly Homework assignments, 50%
- Quizzes, 10%
- Exam #1, 15%
- Exam #2, 15%
- Weekly Discussions, 10% (Initial post 5%, follow up posts 5%)

Your letter grade will be assigned as follows:

A : 93 to 100	A- : 90 up to 93	
B+ : 87 up to 90	B : 83 up to 87	B- : 80 up to 83
C+ : 77 up to 80	C : 73 up to 77	C- : 70 up to 73
D : 60 up to 70	F : Below 60	

Homework/Quiz/Exam Due Dates

- Homework assignments are each due by Sunday at midnight. Late penalties apply.
- Quizzes and exams are completed on-line
- Quiz/Exam dates are as follows:
 - Quiz #1 – Modules 1 and 2 – Week 3
 - Quiz #2 – Modules 3 and 4 – Week 5
 - Exam #1 – Modules 1 through 6 – Week 8
 - Quiz #3 – Modules 9 and 10 – Week 11
 - Quiz #4 – Modules 11 and 12 – Week 13
 - Exam #2 – Modules 7 through 14– Week 15

Please note:

- You must submit all assignments to earn a grade
- Any assignments more than 2 weeks late will receive a grade of zero but still must be submitted
- All assignments must be submitted on time for full credit

Additional Student Responsibilities

- Attendance:
 - In-class sections: attendance is required
 - On-line sections: students must log in to the course at least one per week to satisfy attendance requirements
- Make Up Policy:
 - makeups will only be allowed with proper excuse and prior notification
- Class materials will be available to ALL students through Blackboard
 - <https://broome.open.suny.edu/default.asp>
- Reading Assignments:
 - Posted in each module
- Cheating:
 - First instance: student will receive a zero for the first assignment/evaluation
 - Second instance: student will receive a grade of F for the entire course
- Miscellaneous:
 - All other policies not stated here are in the **Student Handbook Rules of Conduct**.
 - See various informational websites shown below.

This syllabus is intended to give the student guidance in what may be covered during the semester and will be followed as closely as possible. The professor reserves the right to modify, supplement and make changes as the course needs arise in such a manner that will benefit the classroom environment.

Continued registration by a student implies a complete understanding and acceptance of this policy. If any part of the course policy is unclear, please ask your professor for further clarification.

Student Informational Websites

- Academic Integrity -SUNY Broome Academic Honesty Policy
https://www.sunybroome.edu/c/document_library/get_file?p_l_id=142779&folderId=142906&name=DLFE-762.pdf
- ADA Compliance Statement
 - SUNY Broome Community College is committed to learning environments that are inclusive of and accessible to students with disabilities
 - Any student who requires reasonable academic accommodations or use of auxiliary aids in class should contact the Accessibility Resources Office at ARO@sunybroome.edu or call 607-778-5150
 - Please note that in order to receive accommodations in this course, a student must present a valid Campus Accessibility Plan and discuss individual needs with the professor in a timely manner
- SUNY Broome Civility Statement:
https://www.sunybroome.edu/c/document_library/get_file?uuid=32369ca4-996f-45ab-ae14-b37fc7dc5d16&groupId=39972
- SUNY Broome Academic Grievance Policy
<https://www.sunybroome.edu/student-academic-appeals-procedure>
- SUNY Broome Non-Discrimination Policy
https://www.sunybroome.edu/c/document_library/get_file?uuid=46d9ee41-5615-440e-8196-9030ec46a604&groupId=39972
- Suggestions, Concerns, or Complaints
 - SUNY Broome strives to provide quality online courses and to foster engaging learning experiences for our online students
 - Students who wish to convey a suggestion, concern, or complaint are encouraged to first contact their online professor - If resolution is not achieved at this step, students should contact the Department Chair
 - Should further action be required, please contact the Divisional Dean and then, if necessary, the Executive Vice President & Chief Academic Officer

[Contact Information for Professors, Chairs, Deans, and the ExecVP/CAO](#)
[Student Academic Appeals Procedure](#)
- Non-NY State Residents
 - If you are a non-NY resident and are unable to satisfactorily resolve the issue following the procedures detailed above, you may contact your relevant state official or agency