

Encryption Methods and Techniques

CSSS-5160

S1 2021 Section JA 3 Credits 01/04/2021 to 03/05/2021 Modified 12/10/2020

Meeting Times

The course will be offered through Zoom at the following link: <https://webster-edu.zoom.us/my/darrellparsons04>

Wednesday 5:30-9:30 pm

This course will be conducted using the Webster World Classroom (Canvas) Learning Management System (LMS) for online dialogues (threaded discussions), assignments, drop boxes, and collaborative activities.

Contact Information

Dr. Darrell Parsons

darrellparsons04@webster.edu

The best way to contact me is by email. I check my email account daily, and the email goes straight to my cell phone. If you do not receive a reply from me within 24 hours, assume your email was lost and resend. When emailing me, send an email with the subject line: Course Name_Your Name.

Available online and via email as needed.

Description

The history and application of ciphers, codes and encryption/ decryption methods and techniques are examined in detail. Public and Private keys and other advanced methods will be included. Understanding the overhead of encryption on communications systems and the storage of data as well as methods employed for decryption, verification and authentication. Aspects of ethics and information privacy have a role when security is applied to public systems and email content as well as higher levels of security for corporations proprietary and government classified information; additionally, the Data Protection Act will be discussed.

Outcomes

The student will:

- Summarize and demonstrate an understanding of the vocabulary of cybersecurity terms and phraseology.
- Acquire and differentiate a broad understanding of the cybersecurity strategic operations environment, including methods, ethics, laws, policies and procedures.
- Demonstrate and differentiate a basic working knowledge of Encryption/Decryption methods including Private-Key, Public-Key, Pseudorandomness, Encryption and Digital Signature Schemes, Algorithmic Number Theory, as well as system vulnerabilities, and growing threats.
- Describe the roles, responsibilities, and tools of a cybersecurity encryption technician or security program manager.
- Explain their basic knowledge of critical cybersecurity infrastructures, communications, encryption detection and protection schemes, and potential threats and impacts.
- Summarize and discuss an understanding of the basics of the Comprehensive National Cybersecurity Initiative (CNCI) and the

National Security Space Strategy, and the Department of Defense Space Policy Directive.

- Differentiate the scope of the evolving environment of cybersecurity communications as well as international space laws and policies.
- Classify future trends in cybersecurity strategic space operation issues facing commercial and national assets.
- Produce graduate level research papers and practice oral presentation methods.
- Demonstrate their understanding and proper application of APA as it is applied to professional writing.
- Demonstrate skills in the use of common graduate program technologies – PowerPoint, Internet Research (Wikipedia is not considered a valid source), Library Resources, e-Reserves, Concourse, Connections and Turnitin.
- Categorize the challenges of the Cybersecurity (MS) program and the importance of thinking about the capstone course in terms of their research focus or projects.
- Synthesize and integrate the learning experiences acquired throughout the MS in Cybersecurity program, apply critical thinking and evaluation methods of current and future topics relative to this major.

Required Textbook

Please Select a Textbook

Materials

Required Textbooks:

Applied Cryptography: Protocols, Algorithms, and Source Code in C

Author: Bruce Schneier

Publisher: Wiley; 2nd Edition (1995)

ISBN-10: 0471117099

ISBN-13: 978-0471117094

-- AND --

The Code Book: The Science of Secrecy from Ancient Egypt to Quantum Cryptography

Author: Simon Singh

Publisher: Anchor; Reprint edition (2000)

ISBN-10: 0385495353

ISBN-13: 978-0385495325

-- AND --

Understanding Cryptography: A Textbook for Students and Practitioners

Authors: Christof Paar and Jan Pelzi

Publisher: Springer; 1st edition (2010)

ISBN-10: 3642041000

ISBN-13: 978-3642041006

Deliverables

Methodology

Cryptography is an indispensable tool used to protect the information in computing systems. It is used everywhere and by billions of people worldwide on a daily basis. It is used to protect data at rest and data in motion. Cryptographic systems are an integral part of standard protocols making it relatively easy to incorporate strong encryption into a wide range of applications.

The course will use several methods of instruction but will run, essentially as a live classroom/online class with lectures, research, and case analyses. Additionally, experiential exercises will be used to provide practical applications and to reinforce learning objectives. This course will also emphasize individual research, responsibility, and active participation in discussions. Students will be required to prepare supported opinions and solutions and give presentations supporting their conclusions and recommendations.

A combination of classroom/video lectures, online discussions, workshops, and online learning methods will be used to achieve the course objectives. Typically, after completing the assigned readings, you will be required to interact on a weekly basis through online dialogues (discussion threads) or drop boxes. This course emphasizes individual research supported interaction!

Course Work and Assignments: All assignments must be submitted in MS Word. The 9-week semester is composed of a weekly Dialogue Response assignment or lab, along with a Mid-term (Minor Project), Final (Major Project), and weekly quizzes. Students will be required to write a Dialogue Response as assigned by Tuesday of the active week. The final (Major Project) will be due the last week of school. A power-point presentation will accompany the Major Project.

The preponderance of this class is built around classroom discussion, research, readings, and dialogues (discussion threads). We will utilize the online dialogues to exchange knowledge and invoke interaction. Also, the participation within these dialogues will ensure that each student practices crafting concepts, theories learned, discuss knowledge, and shares personal perspectives with the topic at hand. The Mid-Term Minor Project will apply practical experience to the theoretical research. The Final Major Project will be the capstone for the course blending the theoretical and practical experiences.

Emerson Library: library.webster.edu

There is a live chat feature - home page, contact a librarian (middle of page, middle box): Chat with a librarian on left side (might have to scroll down a bit) - accessible 24 hours a day. Please use these excellent resources.

Assessments

Student performance will be assessed in the following areas:

1. Class Participation: Points will be awarded based on the following:

- Submitting written responses to assigned
- Demonstrating your understanding of the topic based on your contribution
- Demonstrating you have read/researched the material by the content and quality of your discussions and responses to questions
- Submitting assignments on time

Each student is expected to be an active participant in dialogues as well as offering meaningful analysis and convincing arguments for the position staked out.

2. Dialogues or Threaded Discussions

The purpose of dialogue is to help students understand the relevance of concepts. Students should test their understanding of every concept with professors. You can read the material, but it is how much you have mastered those concepts and their relevance, that is, the extent to which you can discuss and apply them. Learning how to write in a thorough, yet concise manner is a skill to gain. This means that the quality of each posted message must be excellent.

For the dialogues, you should expect to provide a Dialogue Response weekly as assigned. You must post your Dialogue Response no later than Tuesday of the active dialogue week. Dialogue Responses should not be simple. They should be supported and referenced. Each Dialogue Response will be 300-400 words with a minimum of two APA formatted sources- one of which is a scholarly academic journal. Scholarly journals are available through the online library. Google Scholar is also a good source.

3. Lab Assignments

Lab assignments are an integral part of the practical learning experience for this class. Labs will be assigned in Canvas to further engage students in experimental learning. Labs will be assigned and discussed only during classroom time. For example, steganography will be discussed in week 1, and a corresponding steganography lab will be assigned to enrich the learning environment.

4. Mid-Term (Minor Project)

The minor project will serve as the midterm exam. Your response to the written minor project should be between 1300-1500 words—exclusive of title, abstract, and references/bibliography- with at least 10 APA formatted references. The Minor Project will be assigned according to the schedule in Canvas. Minor projects will include case studies, practical application of cryptography, and competency development.

5. Final (Major Project)

As previously stated, the Major Project is the capstone for this course and will serve as the final for the course. Your Major Project will be an article or paper on a topic of your choosing on the topic of cryptography. This paper will be discussed on the first day of class and worked on over the course of the semester. The paper will be around 4000 words with at least 20 APA formatted references —exclusive of title, abstract, and references/bibliography- and will focus on quantitative or qualitative analysis. All research topics and thesis statements must be approved PRIOR to beginning research via email. A research paper is only as good as the thesis statement. For help in developing a strong thesis statement see

<https://owl.english.purdue.edu/owl/resource/545/01/> . The thesis statement and topic for research will be due as assigned in the schedule below. My best advice for a topic is to take an area of cryptography that you want to become an expert in and research.

A 10-15 minute final presentation along with PowerPoint slides will accompany the paper

✓ Evaluation

Breakdown

Breakdown

Grading and Point Assignment

<i>Activity</i>	<i>Percentage</i>	<i>Points</i>
Dialogues/Participation & Labs	25%	250
Quizzes	25%	250
Mid-Term (Minor Project)	25%	250
Final (Major Project)	25%	250

TOTAL	100	1000
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Grades will be administered in accordance with Webster's policies and practices. Letter grades will be earned based on a total number of points attained, according to the following schedule:

A = 940 – 1000 points (94% or more)

A- = 900-939 points (90-93%)

B+ = 870 – 899 points (87% - 89.9%)

B = 830 – 869 points (83-86%)

B- = 800-829 points (80-82%)

C = 700 – 799 points (70% - 79.9%)

F = below 700 points

I = Incomplete Work

Schedule

GENERAL COURSE SCHEDULE

(Subject to Change-See Canvas for Detailed Assignments and Dates)

Date	Topic	Assignment Due
Week 1 6 Jan 2021 Zoom	<ul style="list-style-type: none"> o Syllabus o Dialogue 1 o Classroom Lecture 	<ul style="list-style-type: none"> o Assignment: Singh-Chap1 o Reference: Schneier & Paar text o Dialogue by next class
Week 2 13 Jan 2021 Zoom	<ul style="list-style-type: none"> o Lab 1 o Classroom Lecture o Quiz 1 	<ul style="list-style-type: none"> o Assignment: Singh- Chap 2 o Reference: Schneier & Paar text o Lab by next class

Week 3 20 Jan 2021 Zoom	<ul style="list-style-type: none"> o Minor Project 1 assigned o Classroom Lecture o Quiz 2 	<ul style="list-style-type: none"> o Assignment: Singh- Chap 3 o Reference: Schneier & Paar text o Work on Minor Project o NO Dialogue or lab
Week 4 27 Jan 2021 Zoom	<ul style="list-style-type: none"> o Dialogue 2 o Classroom Lecture o Quiz 3 	<ul style="list-style-type: none"> o Assignment: Singh- Chap 4 o Reference: Schneier & Paar text o Dialogue due by next class o Minor Project 1 due
Week 5 3 Feb 2021 Zoom	<ul style="list-style-type: none"> o Lab 2 o Classroom Lecture o Major Project 1 assigned o Quiz 4 	<ul style="list-style-type: none"> o Assignment: Singh- Chap 5 o Reference: Schneier & Paar text o Lab due by next class
Week 6 10 Feb 2021 Zoom	<ul style="list-style-type: none"> o Dialogue 3 o Classroom Lecture o Quiz 5 	<ul style="list-style-type: none"> o Assignment: Singh- Chap 6 o Reference: Schneier & Paar text o Dialogue by next class
Week 7 17 Feb 2021 Zoom	<ul style="list-style-type: none"> o Lab 3 o Classroom Lecture o Quiz 6 	<ul style="list-style-type: none"> o Assignment: Singh- Chap 7 o Reference: Schneier & Paar text o Lab by next class

Week 8 24 Feb 2021 Zoom	o Dialogue 4 o Classroom Lecture o Quiz 7	o Assignment: Singh- Chap 8 o Reference: Schneier & Paar text o Dialogue by next class
Week 9 3 March 2021 Zoom	o Quiz 8 o Presentations	o Major Project Paper & PPT Due o Presentations Due

* Course Policies

ADMINISTRATION

The use of best practices in writing always enhances your written documents. The following factors will generally contribute to the professionalism of a document:

- No spelling errors
- Good paragraph structure.
- Good sentence structure – correct grammar and consistent use of appropriate fonts
- Consistent application of formatting style throughout the document
- Appropriate use of spacing between sentences, paragraphs, tables, citations, and charts

Assignments and Expectations

Each student is expected to submit all assignments in accordance with the assignment instructions and the assignment schedule outlined in this Course Syllabus, or as updated by the instructor. Each student's assignment **must reflect the original work** of the student. Students must be able to produce a copy of all work cited if so requested.

All assignments submitted for grading, except those completed in any other format as may be indicated on the assignment instructions, **must be in Microsoft Word** format, using 12-point Times New Roman font style, and double-spaced format per APA format requirements. Extensions are available upon request for extenuating circumstances. A request for an extension must be made in writing via e-mail and must be approved by the instructor **prior to the submission deadline AND submitted at least 24 hours before the assignment due date**. Requests for extensions made less than 24 hours of the due date of an assignment may not be granted.

Assignment Submission Instructions

1. Every assignment submitted must use the file naming convention established for this course and must be submitted through Canvas. The file name of every assignment submitted must be of the format *LastNameFirstName_AssignmentName*. For example, a written submission for week 4 discussion questions submitted by a student named Jane Smith would have the file name of *Smith, Jane Dialogue Response 4 Week 4*. Assignments submitted without using this format may be returned.
2. All assignments must be submitted to the appropriate electronic DropBox in Canvas. All documents submitted to the electronic DropBox must conform to the naming convention outlined above.
3. Late assignments will not be accepted without the instructor's previously approved

Each student is expected to participate fully in all projects, exercises, discussions, and assignments, for this class. Students are expected to spend time outside formal class lectures and discussion sessions developing their skills and knowledge on the subject matter.

Confidentiality

We are all bound by confidentiality in this class. Possibly, students may want to discuss their company and its policies and procedures as applied to the class material. Perhaps the student will want to provide a paper on a company confidential project. In order to assure we can have a free and open discussion, it is expected each student will respect the confidentiality of any materials classmates are willing to share. It should be noted that your posting/submissions/dialogues may be accessible to all members of the class unless otherwise stated.

Academic Integrity/Plagiarism

Academic dishonesty includes, but is not limited to plagiarism, collaborating with others on individual assignments or projects, viewing or copying another student's solutions during exams, submitting completed coursework for more than one course (without consent of instructors), deliberate falsification of data, interference with other students' work, and copyright violations (including both document and software copyrights). Please familiarize yourself with the university policy on academic honesty. If at any time you have a question regarding integrity or plagiarism, ask the instructor for clarification.

Dishonest assignments (e.g., where plagiarism has occurred) will be dealt with under the Webster University policy on Academic Misconduct. Students are encouraged to familiarize themselves with the definitions of academic misconduct.

Full and detailed acknowledgment (e.g. notation, and/or bibliography) must be provided if contributions are drawn from literature in preparation of reports and assignments. Student written work must properly cite and reference original work, author(s), etc. Citation and referencing must conform to APA (American Psychological Association) format both in the body of your paper and the attached reference section.

Communication Medium Outside the Classroom

The primary method of communication outside of our classroom time will be through the [class e-mail](#). It is the student's responsibility to stay current with all postings to the class Web site on Canvas.

Student Preparation

A major part of student learning will take place through online/classroom interaction, online dialogues, and project completion. All assignments are to be completed in a timely manner according to the due dates in the course schedule. This is a professional responsibility to yourself and your professor. Active participation in online dialogues is an important element of this program. Participation includes the quantity and quality of comments, lively fellowship, positive contributions to assignments, the ability to respond to questions by classmates and the instructor, the ability to work as a member of a group when required, and the completion of all assignments. Students are expected to synthesize, analyze, and integrate all reading assignments. Consistent writing is an essential ingredient of class participation.

Computing, Information Retrieval, Speaking and Writing Expectations

Computing: Students will be expected to use computer technology in this course. Use of word-processing to compose and edit course papers, PowerPoint to make class presentations when necessary, and E-mail to communicate with other students and the instructor

Information Retrieval: Students are expected to have the ability to locate information quickly and accurately on the Internet, using browsers, search engines, library archives

Speaking: Students will be expected throughout this course to express themselves orally

Writing: Student will be expected to write their project reports using APA (American Psychological Association) format

Turnitin: All Turnitin assignments over 25% will be reviewed which may result in a reduced or incomplete grade. Please ensure you submit work that is your own, and that any sources used are credible and clearly cited.

Late Assignments

- Assignments will be accepted up to one week past the due date with a 10% grade deduction. Please coordinate with me in

advance if you need an extension.

- If an assignment is turned in within hours of the due date, it will be accepted as on time. I encourage effort toward a quality product instead of rushing to turn something in on time

Formatting and Content

- APA formatting is the University standard and is enforced throughout this course. It is listed as a requirement on every assignment listing, and as an ongoing course, this requirement is heavily enforced.
- As a Graduate level course, valuable content is critical. It is not enough to paraphrase entire answers; be sure to demonstrate thorough thought and understanding of the concepts. Please reference the Writing for Purpose PowerPoint which will be covered on day one and can be found in the files folder of Canvas in the Week 1 module for further details.

Institutional Policies

Academic Policies

Academic policies provide students with important rights and responsibilities. Students are expected to familiarize themselves with all academic policies that apply to them. Academic policies for undergraduate students can be found in the Undergraduate Studies Catalog; graduate students should review the Graduate Studies Catalog.

Undergraduate Studies Catalog

The Undergraduate Studies Catalog contains academic policies that apply to all undergraduate students. The *academic policies and information* section of the catalog contains important information related to **attendance, conduct, academic honesty, grades, and more**. If you are an undergraduate student, please review the catalog each academic year. The current Undergraduate Studies Catalog is at:

<http://www.webster.edu/catalog/current/undergraduate-catalog/> (<http://www.webster.edu/catalog/current/undergraduate-catalog/>)

Graduate Studies Catalog

The Graduate Studies Catalog contains academic policies that apply to all graduate students. The *academic policies* section of the catalog contains important information related to **conduct, academic honesty, grades, and more**. If you are a graduate student, please review the catalog each academic year. The current Graduate Studies Catalog is at:

<http://www.webster.edu/catalog/current/graduate-catalog/> (<http://www.webster.edu/catalog/current/graduate-catalog/>)

Grading

The Grades section of the academic catalog outlines the various grading systems courses may use, including the information about the final grade reported for this class.

Undergraduate

<http://www.webster.edu/catalog/current/undergraduate-catalog/academic-policies.html#grading>
(<http://www.webster.edu/catalog/current/undergraduate-catalog/academic-policies.html#grading>)

Graduate

<http://www.webster.edu/catalog/current/graduate-catalog/academic-policies.html#grades>
(<http://www.webster.edu/catalog/current/graduate-catalog/academic-policies.html#grades>)

Incomplete

There are important policies that govern grades of Incomplete (I), including the circumstances under which Incomplete grades are granted, deadlines for completion, and consequences should the remaining course work not be completed. It is the responsibility of a student who requests an Incomplete to ensure that he/she understands and follows the policies.

Grade Appeals

Instructors are responsible for assigning grades, and student should discuss grade issues with the instructor. Policies and procedures for appealing grades are available in the appropriate catalog.

Academic Honesty Policy

Webster University is committed to academic excellence. As part of our Statement of Ethics, we strive to preserve academic honor and integrity by repudiating all forms of academic and intellectual dishonesty, including cheating, plagiarism and all other forms of academic dishonesty. Academic dishonesty is unacceptable and is subject to a disciplinary response. Students are encouraged to talk to instructors about any questions they may have regarding how to properly credit others' work, including paraphrasing, quoting, and citation formatting. The university reserves the right to utilize electronic databases, such as Turnitin.com, to assist faculty and students with their academic work.

The University's Academic Honesty Policy is published in academic catalogs:

Undergraduate

<http://www.webster.edu/catalog/current/undergraduate-catalog/academic-policies.html>
(<http://www.webster.edu/catalog/current/undergraduate-catalog/academic-policies.html>)

Graduate

<http://www.webster.edu/catalog/current/graduate-catalog/academic-policies.html>
(<http://www.webster.edu/catalog/current/graduate-catalog/academic-policies.html>)

As a part of the University commitment to academic excellence, the Academic Resource Center provides student resources to become better acquainted with academic honesty and the tools to prevent plagiarism in its many forms:

http://www.webster.edu/arc/plagiarism_prevention/ (http://www.webster.edu/arc/plagiarism_prevention/)

Statement of Ethics

Webster University strives to be a center of academic excellence. The University makes every effort to ensure the following:

- The opportunity for students to learn and inquire freely
- The protection of intellectual freedom and the rights of professors to teach
- The advancement of knowledge through scholarly pursuits and relevant dialogue

To review Webster University's statement of ethics, see the Undergraduate Studies Catalog and the Graduate and Studies Catalog:

Undergraduate

<http://www.webster.edu/catalog/current/undergraduate-catalog/overview.html#ethics>
(<http://www.webster.edu/catalog/current/undergraduate-catalog/overview.html#ethics>)

Graduate

<http://www.webster.edu/catalog/current/graduate-catalog/ethics.html> (<http://www.webster.edu/catalog/current/graduate-catalog/ethics.html>)

Contact Hours for this Course

It is essential that all classes meet for the full instructional time as scheduled. A class cannot be shortened in length. If a class session is cancelled for any reason, the content must be covered at another time.

Important Academic Resources

Academic Accommodations

Webster University makes every effort to accommodate individuals with academic/learning, health, physical and psychological disabilities. To obtain accommodations, students must identify themselves and provide documentation from a qualified professional or agency to the appropriate campus designee or the Academic ADA Coordinator at the main campus. The Academic ADA Coordinator may be reached at 314-246-7700 or disability@webster.edu (<mailto:disability@webster.edu>).

If you have already identified as a student with a documented disability and are entitled to classroom or testing accommodations, please inform the instructor of the accommodations you will require for this class at the beginning of the course.

Academic Resource Center

Additional support and resources may be accessed through the Academic Resource Center (ARC). Support and resources include academic counseling, accommodations, assistive technology, peer tutoring, plagiarism prevention, testing center services, and writing coaching. Visit www.webster.edu/arc (<http://www.webster.edu/arc>) or Loretto Hall 40 on the main campus for more information.

Student Success Portal

Webster University's Student Success Portal, powered by Starfish, is a communications tool to connect students with faculty members and campus support services. It allows faculty and staff members to communicate with you regarding academic achievements as well as areas where support may be helpful. You may use the portal to contact faculty and staff members for assistance and to arrange meetings. Activity in the portal will be communicated to your Webster University email account. The Student Success Portal is available via your course home page in WorldClassRoom or via Connections. Learn more about the Student Success Portal at <http://www.webster.edu/success/students.html> (<http://www.webster.edu/success/students.html>).

University Library

Webster University Library is dedicated to supporting the research needs and intellectual pursuits of students throughout the University's worldwide network. Resources include print and electronic books, journal articles, online databases, DVDs and streaming video, CDs and streaming music, datasets, and other specialized information. Services include providing materials at no cost and research help for basic questions to in-depth exploration of resources. The gateway to all of these resources and services is <http://library.webster.edu> (<http://library.webster.edu/>). For support navigating the library's resources, see <http://libanswers.webster.edu/> (<http://libanswers.webster.edu/>) for the many ways to contact library staff.

Drops and Withdrawals

Drop and withdrawal policies dictate processes for students who wish to unenroll from a course. Students must take proactive steps to unenroll; informing the instructor is not sufficient, nor is failing to attend. In the early days of the term or semester, students may DROP a course with no notation on their student record. After the DROP deadline, students may WITHDRAW from a course; in the case of a WITHDRAW, a grade of W appears on the student record. After the WITHDRAW deadline, students may not unenroll from a course. Policies and a calendar of deadlines for DROP and WITHDRAW are at:

Undergraduate

<http://www.webster.edu/catalog/current/undergraduate-catalog/enrollment.html>
(<http://www.webster.edu/catalog/current/undergraduate-catalog/enrollment.html>)

Graduate

<http://www.webster.edu/catalog/current/graduate-catalog/enrollment.html>
(<http://www.webster.edu/catalog/current/graduate-catalog/enrollment.html>)

Academic Calendar - <http://www.webster.edu/academics/academic-calendar/>
(<http://www.webster.edu/academics/academic-calendar/>)

Current tuition rates, policies, and procedures, including details of pro-rated tuition refunds, are available in the "Tuition, Fees, and Refunds" section of Webster's Academic Catalogs:

Undergraduate

<http://www.webster.edu/catalog/current/undergraduate-catalog/tuition.html>
(<http://www.webster.edu/catalog/current/undergraduate-catalog/tuition.html>)

Graduate

<http://www.webster.edu/catalog/current/graduate-catalog/tuition.html> (<http://www.webster.edu/catalog/current/graduate-catalog/tuition.html>)

Student Handbook and Other Important Policies

Student handbook and other non-academic policies may apply to you and may impact your experience in this class. Such policies include the student code of conduct, privacy, technology and communications, and more. Please review the handbook each year and be aware of policies that apply to you. The handbook is available at:

<http://www.webster.edu/student-handbook/> (<http://www.webster.edu/student-handbook/>)

Sexual Assault, Harassment, and Other Sexual Offenses

Webster University makes every effort to educate the community to prevent sexual assault, harassment, and other sexual offenses from occurring, and is committed to providing support to those affected when this behavior does occur. To access information and resources or to review the Policy on Sexual Assault, Harassment, and Other Sexual Offenses, visit:

<http://www.webster.edu/sexual-misconduct/> (<http://www.webster.edu/sexual-misconduct/>)

Research on Human Subjects

The Webster University Institutional Review Committee (IRB) is responsible for the review of all research on human subjects. The IRB process applies to all Webster University faculty, staff, and students and must be completed prior to any contact with human subjects. For more information on the IRB, visit:

<http://www.webster.edu/irb/index.html> (<http://www.webster.edu/irb/index.html>)

Course Evaluations

At the end of this course, you will have the opportunity to provide feedback about your experience. Your input is extremely valuable to the university, your instructor, and the department that offers this course. Please provide your honest and thoughtful evaluation, as it helps the university to provide the best experience possible for all of its students.

Important Technology Information

Connections Accounts

Webster University provides all students, faculty, and staff with a University email account through Connections. Students are expected to activate their Connections account and regularly check incoming University email. Students may choose to have their University email forwarded to an alternate email address. Connections account holders can call the Help Desk (314-246-5995 or toll free at 1-866-435-7270) for assistance with this setup. Instructions are also provided on the Information Technology website at:

<http://www.webster.edu/technology/service-desk/> (<http://www.webster.edu/technology/service-desk/>)

WorldClassRoom

WorldClassRoom is Webster's Learning Content Management System (LMS). Your instructor may use WorldClassRoom to deliver important information, to hold class activities, to communicate grades and feedback, and more. WorldClassRoom is available using your Connections ID at:

<https://worldclassroom.webster.edu/> (<https://worldclassroom.webster.edu/>)

Webster Alerts

Webster Alerts is the University's preferred emergency mass notification service, available free to current students, faculty and staff at all US campuses. By registering a valid cell phone number and email address, you will receive urgent campus text, voice mail and email communications. Valuable information concerning a range of incidents affecting you - from weather-related campus closures, class delays and cancellations, to more serious or life-threatening events - are immediately and simultaneously delivered through multiple communication channels. To register for Webster Alerts, visit:

<http://www.webster.edu/technology/services/webster-alerts/> (<http://www.webster.edu/technology/services/webster-alerts/>)

Campus Information

