



CISA 4324, **Penetration Testing**, Fall 2025, CRN: 11219
Department of Computer and Information Systems (CISA), College of Business
Course Syllabus

Class Modality: Online- Synchronous
Class Meeting Time and Place: Tuesday, 4:00 PM - 6:45 PM
Zoom Meeting ID: <https://tamusa.zoom.us/my/sahan.tamusa>
Class Duration: Aug 25, 2025 – Dec 12, 2025
Instructor: Sahan Ahmad, Ph.D.
E-Mail: sahmad@tamusa.edu
Cell: 337-255-0075

Course Website: **Blackboard:** <https://tamusa.blackboard.com>

Office Hours: Tuesday 3:00 – 4:00 PM
Email the professor for communication to Zoom meeting.
(Mon – Fri)

Catalog Course Description: This course examines concepts of penetration testing, risks in engineered systems, environmental risks, security risks, methods of risk analysis, fault trees, and event trees. Students will study risk assessment using penetration testing methods. Prerequisite: CISA 3321.

Course Objectives: Students will learn about the concept of security risk analysis, the different types of risks, and the methods to calculate risk. They will also learn penetration testing techniques for the ethical hacker and use penetration testing tools and software to demonstrate the ability to follow the penetration testing process.

Prerequisites: CISA 3321. Students who do not meet the prerequisites must contact the instructor immediately.

Student Learning Outcomes:

After successful completion of this course, students will be able to:

1. Explain risk analysis and risk management.

2. Understand the purpose of and the difference between a Risk Assessment, Business Impact Analysis (BIA), Disaster Recovery Plan (DRP), Incident Response Plans (IRP), and Contingency Plans.
3. Know where to locate relevant policies and procedures detailing legal and ethical requirements applicable to your industry.
4. Verify the security posture of systems and networks using penetration testing techniques.
5. Explain the legal and ethical responsibilities of penetration testers.
6. Demonstrate risk communication, control implementation, and monitoring of risk management strategies.
7. Use the tools available to conduct Penetration Testing (PENTEST).
8. Ability to gather information from multiple sources and understand what can be done with the information discovered.
9. Know how to protect yourself, your organization, and your family from cyber risks.

AACSB Assessment:

The College of Business is in the process of applying for AACSB accreditation. As part of that process, students will be assessed on program level outcomes based on course outcomes from various courses. The materials from this course may be used for assessing such program level outcomes, and hence students must follow the necessary rigor to ensure mastery and retention of the above course outcomes.

COVID-19: Due to the current pandemic environment, all university personnel (faculty, students and staff, etc.) are required to adhere to mandated procedures and guidelines as communicated through university communications.

Minimum Technology Requirements:

In order to complete this course, the student must have access to the following technologies: A computing device - desktop, laptop, tablet, or smartphone capable of:

- accessing Internet-based content
- displaying recorded video
- Playing recorded audio - with speakers or headphones
- Recording audio - with microphone or headset
- capturing your image and actions during exams - with a web camera (see RLDB & Respondus Monitor)
- Internet access of sufficient speed to download/display recorded lectures
- Free or trial software capable of creating slide + audio presentations
- Standard office productivity applications similar to MS Word, Excel & PowerPoint, and Adobe Reader
- A printer (for printing course calendars, etc.)

Responsibilities of the Online Student

The following items apply to the student in an online degree or an online course. The student is responsible for:

- Having consistent and easy access to a personal computer (Windows or Mac) with a reliable high-speed Internet connection.
- Gaining access to online courses in the Blackboard learning management system (LMS).

- Acquiring all course materials (textbooks, software, etc.) in a timely manner.
- Knowing and abiding by all applicable policies and procedures as prescribed in the Online Student Handbook and individual course syllabi.
- Acquiring and maintaining the knowledge base needed to operate successfully in an online course/program.
- Communicating to and from the instructor via Blackboard and the Texas A&M student email address.
- Accessing the online course regularly and complete course activities on time regardless of equipment/technology problems. Students are recommended to log into their course once a day.

Submitted Work Naming Convention:

Save and submit all your work as a Microsoft Word (only in PDF when specified). Make sure to save your files using the convention **FIRSTNAME_LASTNAME_COURSE ABBREVIATION_SEMESTER AND YEAR_ACTIVITY NAME OR NUMBER** Or as specified in the assignment instructions **Example: Luke_Cage_CYBR7350_SP21_FinalResearchReport.docx or .pdf**

Communication with the Professor:

As I will be instructing a large student population in various CS disciplines. When you need to reach out to me via email, you must include the complete Class Number (e.g., CISA4324), followed by your complete name, subject of the email (e.g., Assignment 1), (e.g., Bridget Jones), and followed by your student number (e.g., N01234567) in the SUBJECT line of the email.

For example: **(Subject: CISA4324 Assignment 1 Bridget Jones N01234567)**. Doing so will allow a more rapid response to your questions.

Required Materials:

■ **Textbooks:**

The Ultimate Kali Linux Book 2022, Glen D. Singh, ISBN 978-1-80181-893-3 Packt Publishing 2022.

Blackboard: Connect to <http://tamusa.blackboard.com>. You will have lecture notes, solutions to problems, multimedia materials and other supplementary materials in Blackboard. All class communications will be through Blackboard and students should monitor this several times a day.

- **Software:** You will be required to obtain VMWare or Virtual Box. You can get the VMWare free from the University. The website is <http://www.tamusa.edu/citcs/student-resources.html>. You will also be able to download the installation software from the Microsoft software center. You will receive your login name and password at your Jaguar email address. The website to request Microsoft products is <http://www.tamusa.edu/citcs/student-resources.html>.

- You will also be required to download Kali-Linux, Metasploitable 2, and Windows virtual images to your virtual machines.

- **Computer Hardware:** In order to successfully participate in this course, you will need a computer with an internet connection and one with enough resources to support multiple virtual machines instances.

- **Time:** You are expected to spend 4-5 hours per week for the course. Based on the background, some students may require more time. Time spent may be longer when assignments/exams are due.

Other Recommended / Reading Materials Additional reading materials are available on the course website as recommended by the instructor. I recommend you become familiar with the

National Institute of Standards and Technology (NIST) Special Publications (SP) as they relate to information security and risk assessment. *Hands on Hacking, Become an Expert at Next Gen Penetration Testing and Purple Teaming*, Matthew Hickey with Jennifer Arcuri, ISBN: 978-1-119-56145-3, Wiley Publishing 2020.

Websites	
Site Name	Link
The DoD Cybersecurity Policy Chart	http://iac.dtic.mil/csiac/download/ia_policychart.pdf
National Institute of Standards and Technology (NIST) Special Publications (SP)	https://www.nist.gov/publications
The Internet Corporation for Assigned Names and Numbers (ICANN) Whois Database	https://whois.icann.org/en
American Registry for Internet Numbers (ARIN)	https://www.arin.net/
E-Commerce Guide	https://ecommerceguide.com/guides/what-is-ecommerce/
Kali Linux Downloads – Virtual Images	https://www.offensive-security.com/kali-linux-vm-vmware-virtualbox-image-download/
Metasploitable 2 Download	https://information.rapid7.com/download-metasploitable-2017.html
Windows Virtual Machine Download	https://developer.microsoft.com/en-us/microsoft-edge/tools/vms/
Google Hacking Database – Offensive Security	https://www.offensive-security.com/community-projects/google-hacking-database/
Exploit Database – Offensive Security	https://www.offensive-security.com/community-projects/the-exploit-database/
Crackstation	https://crackstation.net/
Cybrary	https://www.cybrary.it/
Videos	
Site Name	Link
Security 101: Security Risk Analysis	https://www.youtube.com/watch?v=hNUBMLVr9z4#action=share
Conducting a Cybersecurity Risk Assessment	https://www.youtube.com/watch?v=cUvMIOdaSBs

Course Requirements every student must fulfill in order to succeed in course:

1. Students should check the Course Calendar, Announcements, and Messages (e-mail) systems in Blackboard on a regular basis.
2. Students should make sure they read the assigned chapters in advance to be prepared for class discussions.
3. Students should keep current with all course assignments, quizzes, and examinations.

4. If the course uses remote proctoring for exams, ensure that students schedule their exam early in the semester.
5. Students should ask questions and communicate with the instructor either online or off-line.
6. Students must watch assigned videos before the online session is held.
7. For online courses, students should keep current on class recordings, if not attending the live class (either in person or online).
8. For online synchronous courses, there will be online class sessions as indicated. Students are expected to attend the online session at the given time. If a student is unable to attend a session, instructor will make the recording of the session available for the student to view. All materials will be made available through Blackboard or through online links.
9. Student must attend WebEx sessions in order to get credit for attendance.

Grading Policy: The final course grade will be based on your performance on the quizzes, exams, assignments, attendance, and class participation using the following weights:

Assignments	40%
Project Paper and Presentation	20%
Midterm Exam	20%
Final exam	<u>20%</u>
Total	100%

The final letter grades will be assigned as follows: Above 90% A; 80 – 89% B; 70 – 79% C; 60 – 69% D; Below 60% F. This course has a requirement of a grade of C as a minimal grade for satisfactory completion of this course.

Class attendance and Participation: A vital part of every student's education is regular attendance of class meetings (for face-to-face/hybrid classes/online synchronous classes) or regular review of class materials posted by the instructor for asynchronous classes. Any absences tend to lower the quality of a student's work, and frequent or persistent absences may result in a failing grade. Students are responsible for the materials covered in class. The course covers a lot of material, and most students find at least some parts of it difficult. Class participation is highly encouraged as it makes the class more interesting and enhances the learning experience. Students are strongly encouraged to ask questions, participate in class discussions and problem solving, and visit/contact the instructor during office hours in case of questions or concerns. Good attendance and participation will be rewarded when final grades are assigned.

Examinations and Quizzes: Examinations and Quizzes: Exams and quizzes will be based on assigned reading materials, textbooks, lectures, and class discussions. Questions will emphasize understanding and applications of concepts and topics covered in class. The exam format will consist of a combination of multiple choice, short answer, essay questions, and practical exercises.

Broader Use of Generative AI Permitted Within Guidelines

Artificial intelligence (AI) tools, including ChatGPT, are permitted in this course for students who wish to use them. To adhere to our scholarly values, students must cite any AI-generated material that informed their work (this includes in-text citations and/or use of quotations and in your reference list). Using an AI tool to generate content without proper attribution qualifies as academic dishonesty and violates Texas A&M-San Antonio's standards of academic integrity.

Proctored Exams: Examinations in this class may be administered using secure online testing services.

Makeup and Late Assignment/exam/quiz policy: All assignments have a due date. Lab assignments may be graded and be factored into your participation grade at the professor's discretion. Late submissions/ make-ups/ regular assignments will be accepted but will incur a point penalty. Late submissions will have a 20-point penalty incurred from the maximum possible points allowed for each assignment. For example, if a paper is submitted more than 48 hours late, the highest possible grade is 80%. A 5% penalty may be applied for submissions 1 to 48 hours late. Assignments will be available on Blackboard for 48 hours after the due date. No submission will be allowed once the assignment is no longer available on Blackboard. **If extenuating Circumstances exist that justify a late submission; full credit may be given on a case-by-case basis.**

All assignments will be graded for correctness and completeness. The instructor retains the right to subjectively adjust an individual student's grade in appropriate cases based on observed performance. All assignment submissions must be spell- and grammar-checked. Students failing to present the information completely, professionally written, and in the prescribed format will receive minimal credit for their work. Students should double-check their work before submitting assignments.

As a rule, no make-ups will be offered for any missed exam/quiz. Make-ups may be administered only in extra-ordinary circumstances such as an excused official university activity, a severe illness, or a dire emergency. However, you must provide comprehensive documentation either before or within a few days of the missed assignment/quiz/exam. For late submissions, a 20-point penalty from the maximum possible points will be assessed. For example, if a paper is submitted more than 48 hours late, the highest possible grade is 80%. A 5% penalty may be applied for submissions 1 to 48 hours late. Once the assignment is no longer available in Blackboard, no submission will be allowed. **If extenuating circumstances exist that justify a late submission, full credit may be given on a case-by-case basis.**

Class conduct and civility code: Everyone in class is expected to follow all rules in the student handbook, as well as common courtesy during classroom lectures and discussions in class and online, including the following:

1. Attendance may be taken at the beginning or the end of the class.
2. It is the students' responsibility to obtain and be able to use the required materials and software for this class.
3. Student must retain copies of all assignments and graded work for verification purposes. Keep copies of all computer files and e-mails.

4. Talking while the instructor is lecturing is extremely disruptive and discourteous to the instructor and other students.
5. Using computers or phones (except for a valid urgent need) during class for a purpose not related to class is disruptive. All cell phones and gadgets should be turned off and headphones removed.
6. For any questions about the exams and assignments, a student should contact the instructor, before the day they are due, so the instructor may have enough time to provide feedback.
7. All communications will be via e-mail communications to the Texas A&M University e-mail account, and students are expected to use their school provided email account. The instructor will reply to a student e-mail messages and voice messages within 24 hours during weekdays (Monday-Friday).
8. All assignment submissions must be uploaded to Blackboard by the due date. Violations of these policies may be subject to disciplinary action.

Class attendance and Participation: With only a few hours of class time per week, it is extremely important that you attend every class and stay involved in class discussions. A vital part of every student's education is regular attendance of class meetings. Any absences tend to lower the quality of a student's work, and frequent or persistent absences may result in a failing grade. Students are responsible for the materials covered in class. The course covers a lot of material, and most students find at least some parts of it difficult. Class participation is highly encouraged as it makes the class more interesting and enhances the learning experience. Students are strongly encouraged to ask questions and participate in class discussions and problem solving. Good attendance and participation will be rewarded when final grades are assigned.

The course is intensive and challenging and you are expected to master the materials presented in class. The structure of the class makes your individual study and preparation outside of class extremely important. Reading the assigned chapter(s) and having some familiarity with them before class will be very useful for understanding lectures.

Attendance will be taken at each class session. Points will be added for attendance. There will be no opportunity to make up those points if you miss class.

2025 Summer Class Schedule

The provisions and information set forth in the schedule below are intended to be informational and not contractual in nature. The instructor reserves the right to amend, alter, change, delete or modify the provisions of the schedule.

Important Dates:

Fall 2025 Regular 16-Week Session

March 24	Monday	Registration opens
August 18	Monday	Tuition & fee payment deadline
August 22	Friday	Last day for students withdrawing to receive 100% refund (0% responsibility) for tuition
August 25	Monday	First class day
September 1	Monday	Labor Day Holiday - No classes
September 2	Tuesday	Last day to register
September 10	Wednesday	Census Date
September 11	Thursday	Drop for non-payment
October 6-October 17	Monday-Friday	Midterm grading period
November 14	Friday	Last day to drop with an automatic grade of "W"
November 25	Tuesday	Last day to withdraw from the university
November 26	Wednesday	Study day - No classes
November 27-November 29	Thursday-Saturday	Thanksgiving Holiday - No classes
December 4	Thursday	Last day of scheduled classes for weekday classes
December 5	Friday	Study day - No classes
December 6-December 12	Saturday-Friday	Final examinations
December 12	Friday	End of term
December 16	Tuesday	Commencement
December 17	Wednesday	All grades due by noon
December 19	Friday	Grades available in JagWire
December 23-January 2	Tuesday-Friday	Winter Break

University Email Policy and Course Communications: All correspondence between professors and students must occur via tamusa email accounts. You must have your Jaguar email account ready and working. If it is not working, contact the help desk at 210-784-4357.

Academic Accommodations for Persons with Disabilities: The Americans with Disabilities Act Amendments Act (ADAAA) of 2008 and the Rehabilitation Act of 1973 are federal antidiscrimination statutes that provide comprehensive civil rights protection for persons with disabilities. Title II of the ADAAA and Section 504 of the Rehabilitation Act require that students with disabilities be guaranteed equal access to the learning environment through the provision of reasonable and appropriate accommodation of their disability. If you have a diagnosed

disability that may require an accommodation, please contact Disability Support Services (DSS) for the coordination of services. DSS is located at the Main Campus on the 2nd floor of the Central Academic Building in suite 210. The phone number for DSS is (210) 784-1335 and email is dsupport@tamusa.edu.

Academic Learning Center: All currently enrolled students at Texas A&M University-San Antonio can utilize the Academic Learning Center for subject-area tutoring. The Academic Learning Center is an appointment-based center where appointments are made through the Navigate platform. Student's access Navigate through Jagwire in the Student Services tab. The Center is active on campus outreaching to students to highlight services offered. You can contact the Academic Learning Center by emailing tutoring@tamusa.tamus.edu or calling (210)-784-1332. Appointments can also be made through JagWire under the services tab.

Counseling Resources: As a college student, there may be a time when personal stressors interfere with your academic performance and/or negatively impact your daily functioning. If you or someone you know is experiencing life stressors, emotional difficulties, or mental health concerns at A&M-SA, please contact the Office of Student Counseling & Wellness Services (SC & WS) located in Modular C Room 166 (Rear entrance) or call 210-784-1331 between the hours of 8:00 AM and 5:00 PM. All mental health services provided by SC & WS are free, confidential (as the law allows), and are not part of a student's academic or university record. SC&WS provides brief individual, couples, and group therapy, crisis intervention, consultation, case management, and prevention services. For more information, please visit www.tamusa.edu/studentcounseling.

In a crisis, please walk-in to the SC & WS services between 8:00 AM and 5:00 PM to be seen by a licensed clinician. After hours, please contact UPD at 911 or text "HOME" to 741-741 24/7/365 to connect with a trained crisis counselor. The National Suicide Prevention hotline also offers a 24/7/365 hotline at 1-800-273-8255.

Emergency Preparedness: JagE Alert is Texas A&M University-San Antonio's mass notification. In the event of an emergency, such as inclement weather, students, staff and faculty, who are registered, will have the option to receive a text message, email and/or phone call with instructions and updates. To register or update your information visit: <https://tamusa.bbcportal.com>. More information about Emergency Preparedness and the Emergency Response Guide can be found here: <http://www.tamusa.edu/riskmanagement/index.html>.

Financial Aid and Verification of Attendance: According to the following federal regulation, 34 CFR 668.21: U.S. Department of Education (DoE) Title IV regulation, a student can only receive Title IV funds based on Title IV eligibility criteria which include class attendance. If Title IV funds are disbursed to ineligible students (including students who fail to begin attendance), the institution must return these funds to the U.S. DoE within 30 days of becoming aware that the student will not or has not begun attendance. Faculty will provide the Office of Financial Aid with an electronic notification if a student has not attended the first week of class. Any student receiving federal financial aid who does not attend the first week of class will have their aid terminated and returned to the DoE. Please note that any student who stops attending at any time during the semester may also need to return a portion of their federal aid.

Jaguar Writing Center: The Jaguar Writing Center provides writing assistance to graduate and undergraduate students in all three colleges. Writing tutors work with students to develop reading skills, prepare oral presentations, and plan, draft, and revise their written assignments. Students can make individual or group appointments with a writing tutor. The Writing Center is located in the Central Academic Building, Suite 208. Appointments can also be made through JagWire under the services tab.

Meeting Basic Needs: Any student who has difficulty affording groceries or accessing sufficient food to eat every day, or who lacks a safe and stable place to live, and believes this may affect their performance in the course, is urged to contact the Dean of Students (DOS@tamusa.edu) for support. Furthermore, please notify the professor if you are comfortable in doing so. This will enable them to provide any resources they may possess.

Military Affairs: Veterans and active-duty military personnel are welcomed and encouraged to communicate, in advance if possible, and special circumstances (e.g., upcoming deployment, drill requirements, disability accommodations). You are also encouraged to visit the Patriots' Casa in person room 202, or to contact the Office of Military Affairs with any questions at military@tamusa.edu or (210)784-1397.

Religious Observances: Texas A&M University-San Antonio recognizes the diversity of faiths represented among the campus community and protects the rights of students, faculty, and staff to observe religious holidays according to their tradition. Under the policy, students are provided an opportunity to make up any examination, study, or work requirements that may be missed due to a religious observance provided they notify their instructors before the end of the second week of classes for regular session classes.

Drop Policy: You may drop the course with an automatic grade of W on or before the date listed in the academic calendar at www.tamusa.edu. The last date to drop a course or withdraw from the University is also indicated in the academic calendar on the university website (www.tamusa.edu). If you wish to drop the class, you must submit the necessary paperwork to the proper authority. Students dropping a course are subject to all conditions listed in the university catalog.

The Six-Drop Rule: Students are subject to the requirements of Senate Bill (SB) 1231 passed by the Texas Legislature in 2007. SB 1231 limits students to a maximum of six (6) non-punitive course drops (i.e., courses a student chooses to drop) during their undergraduate careers. A nonpunitive drop does not affect the student's GPA. However, course drops that exceed the maximum allowed by SB 1231 will be treated as "F" grades and will impact the student's GPA.

Statement of Harassment and Discrimination: Texas A&M University-San Antonio is committed to the fundamental principles of academic freedom, equality of opportunity and human dignity. To fulfill its multiple missions as an institution of higher learning, A&M-San Antonio encourages a climate that values and nurtures collegiality, diversity, pluralism and the uniqueness of the individual within our state, nation, and world. All decisions and actions involving students and employees should be based on applicable law and individual merit. Texas A&M University-San

Antonio, in accordance with applicable federal and state law, prohibits discrimination, including harassment, on the basis of race, color, national or ethnic origin, religion, sex, disability, age, sexual orientation, or veteran status. Individuals who believe they have experienced harassment or discrimination prohibited by this statement are encouraged to contact the appropriate offices within their respective units.

Students' Rights and Responsibilities: The following statement of students' rights and responsibilities is intended to reflect the philosophical base upon which University Student Rules are built. This philosophy acknowledges the existence of both rights and responsibilities, which is inherent to an individual not only as a student at Texas A&M University-San Antonio but also as a citizen of this country. *Students' Rights*

1. A student shall have the right to participate in a free exchange of ideas, and there shall be no University rule or administrative rule that in any way abridges the rights of freedom of speech, expression, petition and peaceful assembly as set forth in the U.S. Constitution.
2. Each student shall have the right to participate in all areas and activities of the University, free from any form of discrimination, including harassment, on the basis of race, color, national or ethnic origin, religion, sex, disability, age, sexual orientation, or veteran status in accordance with applicable federal and state laws.
3. A student has the right to personal privacy except as otherwise provided by law, and this will be observed by students and University authorities alike.
4. Each student subject to disciplinary action arising from violations of University Student Rules shall be assured a fundamentally fair process.

Students' Responsibilities

1. A student has the responsibility to respect the rights and property of others, including other students, the faculty and University officials.
2. A student has the responsibility to be fully acquainted with the published University Student Rules and to comply with them, as well as federal, state, and local laws.
3. A student has the responsibility to recognize that student actions reflect upon the individuals involved and upon the entire University community.
4. A student has the responsibility to maintain a level of behavior that is consistent in supporting the learning environment of the institution and to recognize the University's obligation to provide an environment for learning.

Violations of Academic Conduct (Section 14.5 Student Handbook): As a member in an academic community, students at Texas A&M University-San Antonio are expected to exhibit a high level of honesty and integrity in their pursuit of higher education, be mature, be self-directed and be able to manage their own affairs. Students who are unwilling to abide by these basic expectations will find themselves facing academic and/or disciplinary sanctions. Students are expected to share in the responsibility and authority with faculty and staff to challenge and make known acts that violate the Texas A&M University-San Antonio Code of Conduct. For more information, please visit the Office of Student Rights & Responsibilities website <http://bit.ly/TAMUSASStudentRR>.

Students engaging in an act that violates the standards of academic integrity will find themselves facing academic and/or disciplinary sanctions. Academic misconduct is any act, or attempt, which gives an unfair advantage to the student. Additionally, any behavior specifically prohibited by a

faculty member in the course syllabus or class discussion may be considered as academic misconduct. Academic misconduct includes, but is not limited to, cheating, plagiarism, multiple submissions, collusion, lying and bribery. For more information, refer to the Student Code of Conduct, Article III: Conduct Rules and Regulations. Texas A&M University-San Antonio faculty has the discretion to impose grade penalties as deemed necessary.

Faculty members are required to report such serious breaches of academic honesty to their chair, their dean and the Office of Student Rights and Responsibilities. In cases of academic misconduct, students may be subject not only to grade sanctions in courses but to disciplinary action. Grade sanctions may be imposed only by faculty members, but suspension or expulsion may be imposed only by the Vice President for Student Affairs. If a student wishes to appeal the decision of suspension or expulsion due to violations of academic misconduct, they must initiate their appeal as outlined within the Student Code of Conduct. Extenuating circumstances may cause the University to deviate from the defined time frames.

All student term papers, and other written assignments are subject to analysis by anti-plagiarism software. Posting of any class work given to student, or solutions, or discussion, on publicly accessible forums or on social media is not permissible.

Considering the potential consequences of academic misconduct, it is obviously in students' best interests to avoid even the appearance of such behavior. If a student is unclear whether a specific act might constitute academic misconduct, please she/he should contact the instructor for an assessment of the situation.