2023-24 SYLLABUS PART ONE:

Course Syllabus

Course Title and Course Number:

ECE 8550 Artificial Intelligence

Term:

Spring 2024. More information is available at [Clemson Academic Calendar](#).

Class Meeting Time and Place:

Mon and Wed 3:35 – 4:50 am, Riggs 226

Time to Wait:

Class is cancelled if the instructor is more than 15 minutes late to class.

Information on Modality:

in-person for the main campus. remote for the Charleston campus.

Instructor Name:

Yongkai Wu (Instructor, yongkaw@clemson.edu).

Instructor Email:

yongkaw@clemson.edu The instructor does the best to respond to email inquiries within 24 hours, excluding weekends and university holidays.

University Office Phone:

864-656-1623

Office Address/Office Number:

Riggs 304 or Zoom.

Student Hours:

Wednesday 2:00 - 3:30 am.

Course Description

This course provides a comprehensive introduction to deep learning, focusing on practical problem-solving using prevalent tools and packages. Key topics include fundamental neural networks, convolutional and recurrent network architectures, advanced techniques in deep unsupervised learning, and their applications in various engineering fields. Students will engage in hands-on programming assignments and projects, primarily utilizing Python, to gain real-world experience in implementing deep learning algorithms.

Prerequisites

- ECE 4420/6420.
- The students are also expected to have:
    - Familiarity with basic knowledge and principles of computer science and/or computer engineering and probability.
    - Strong Python programming experience on Pandas/NumPy/Matplotlib.

Course Overview

This course dives into deep learning, covering key concepts and algorithms, including common neural networks. Focused on practical applications, it combines theory with Python projects, preparing students to apply deep learning in engineering contexts.

Value Statement

This deep learning course is an invaluable asset for students aspiring to excel in the rapidly evolving field of artificial intelligence. By demystifying common algorithms and focusing on practical applications, the course empowers students with the skills to solve real-world problems. Whether your goal is to innovate in engineering, contribute to cutting-edge research, or stay ahead in the tech industry, this course offers the knowledge and hands-on experience to turn these ambitions into reality. It's more than just a learning experience; it's an opportunity to be at the forefront of technological advancement and make a tangible impact in the world using this incredible power of AI.

Learning Objectives / Outcomes

After completing this course, we will be able to:

1. Understand and apply the fundamental concepts of deep learning, recognizing its potential through various real-world applications.
2. Acquire practical experience in implementing deep learning solutions for complex problems, utilizing PyTorch as a primary tool.
3. Build a strong foundation in deep learning and programming, preparing for advanced studies and innovative work in AI and deep learning fields.
4. Develop critical problem-solving skills by tackling hands-on projects that simulate real-world challenges in engineering and technology.

5. Master the use of Python in deep learning, enhancing their coding proficiency and understanding of its application in data science and AI.
6. Gain insights into the ethical implications and societal impacts of deep learning technologies, fostering responsible and informed practices.

Required Materials

- No required textbooks.
- Software:
    - Anaconda and PyTorch (installed in Clemson Palmetto Servers)
    - Microsoft Word, PowerPoint, and Web Browers

Learning Environment

- This course blends in-class instruction with practical, hands-on experience. Core machine learning concepts and models are introduced by the instructor using a combination of whiteboard explanations and slide presentations. Students then immediately apply these concepts through programming exercises in Jupyter Notebook, facilitating a deeper understanding through immediate application.
- Collaborative learning is encouraged, with students invited to discuss course content, homework, and projects in a supportive environment. While open discussions are a key part of the learning process, it is essential that all homework and projects are completed independently to ensure personal understanding and skill development.

How to Be Successful in this Course

Your Responsibility as a Student

- Be prepared for all classes.
- Be respectful of others.
- Actively contribute to the learning activities in class.
- Abide by the University Academic Integrity Policy.

My Responsibility as an Instructor

- Be prepared for all classes.
- Evaluate all fairly and equally.
- Be respectful of all students.
- Create and facilitate meaningful learning activities.
- Behave according to university codes of conduct.

Your Well-being is Important

As a student you may experience a range of personal issues that can impede learning, such as strained relationships, increased anxiety, alcohol/drug concerns, feeling down, sadness, difficulty concentrating, lack of motivation, or other issues. These mental health concerns may impact your academic performance or your participation in daily activities. It is very important

that you ask for help when you are struggling. Please reach out to me or to Clemson's [mental health services](#) to guide you to resources that will help.

Topical Outline

Topic / Module	Learning Outcomes	Assessments
Introduction to Deep Learning	• Understand the difference between AI, Machine Learning, and Deep Learning. • Familiarize with key deep learning terminology and concepts. • Grasp the historical context and significance of deep learning.	Homework, project
Fundamentals of Neural Networks	• Comprehend the structure and function of neurons and layers in a network. • Understand various activation functions and their purposes. • Learn about different network architectures and their learning processes.	Homework, project
Convolutional Neural Networks	• Grasp the fundamentals of RNNs and their applications. • Learn about LSTM networks and their advantages. • Analyze sequence data using RNNs in a case study.	Homework, project
Recurrent Neural Networks	Understand the RNN and sequential data. Gain experience of data preprocess for NLP	Homework, project
Advanced Topics in Deep Learning	• Learn about transfer learning and its practical applications. • Get introduced to the basics of reinforcement learning.	Homework, project

	• Stay informed about current trends and research in deep learning.	
Ethical Considerations and Future Directions	• Understand the ethical considerations in AI and deep learning. • Learn about responsible AI practices. • Explore future trends and potential developments in AI.	Homework, project

Major Assessment/Grading Activities

Major Assessment Activities				
Assessment	**Weight/Points**	**Due Date**	**Short Description**	**Link to Learning Outcome(s)**
Programming Assignments	60%			Outcome 1, 2, 3,4
Project	30%	The last day of this semester		Outcome 1, 2, 3,4
Attendance	10%			Outcome 1,2,3,4

Course Feedback

Included below is a brief overview of all methods I will use to gather your feedback regarding the course, including formative (informal) feedback tools:

- Practical assignments via Canvas.
- Paper reading via report and presentation.
- Final project via report and presentation.

Grading System

Letter	Points/Percentages
A	90-100
B	80-89.99
C	70-79.99
F	0-69.99

Grading Policies
- All assignments are expected to be completed and submitted through Canvas on time.

- The grades will not be rounded up.
- It is students' responsibility to confirm the files have been successfully and correctly submitted to Canvas. Wrong/missing/broken submissions may lead to a grade of zero.
- If the homework cannot be uploaded due to unprecedented reasons, please email the homework as attachments to the instructor. The instructor will reply to confirm the homework received in one business day. If the instructor does not reply in a business day, the email may not be successfully delivered. Please contact the instructor immediately.

Late Work
Late work is discounted 5 % per calendar day late. Late submissions are not accepted after 7 calendar days past the original due date and graded as zero immediately.

Absences
Students are expected to attend all lectures. Students who are not able to attend for some reason, the notification must be sent via the Notification of Absence module.

Notification of Absence
The **Notification of Absence module in Canvas** allows students to quickly notify instructors (via an email) of an absence from class and provides for the following categories: court attendance, death of immediate family member, illness, illness of family member, injury, military duty, religious observance, scheduled surgery, university function, unscheduled hospitalization, other anticipated absence, or other unanticipated absence.

Inclement Weather or Emergency

Any exam that was scheduled at the time of a class cancellation due to inclement weather will be given at the next class meeting unless I contact you otherwise. Any assignments due at the time of a class cancellation due to inclement weather will be due at the next class meeting unless I contact you. And any extension or postponement of assignments or exams must be granted by me via email or Canvas within 24 hours of the weather-related cancellation.

Standard Academic Policies

Academic Integrity

As members of the Clemson University community, we have inherited Thomas Green Clemson's vision of this institution as a "high seminary of learning." Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form.

All infractions of academic dishonesty by undergraduates must be reported to Undergraduate Studies for resolution through that office. In cases of plagiarism instructors may use the Plagiarism Resolution Form.

Additionally, for undergraduate classes:

Plagiarism, which includes the intentional or unintentional copying of language, structure, or ideas of another and attributing the work to one's own efforts. Graded works generated by artificial intelligence or ghostwritten (either paid or free) are expressly forbidden.

See the Undergraduate Academic Integrity Policy website for additional information and the current catalogue for the policy.

For graduate students, see the current Graduate School Handbook for all policies and procedures.

Accessibility

Clemson University values the diversity of our student body as a strength and a critical component of our dynamic community. Students with disabilities or temporary injuries/conditions may require accommodations due to barriers in the structure of facilities, course design, technology used for curricular purposes, or other campus resources. Students who experience a barrier to full access to this class should let the instructor know and are encouraged to request accommodations through SAS (Student Accessibility Services) as soon as possible. To request accommodations through SAS, please see this link: (https://www.clemson.edu/academics/studentaccess/register.html). You can also reach out to SAS with questions by calling 864-656-6848, visiting SAS at the ASC Suite 239, or stopping by the office as a drop-in appointment.

The Clemson University Title IX Statement Regarding Non-Discrimination

Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran's status, genetic information or protected activity in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972. This Title IX policy is located on the Access and Equity website. Ms. Alesia Smith is the Clemson University Title IX Coordinator, and the Assistant Vice President of Equity Compliance. Her office is located at 223 Brackett Hall, 864-656-3181 and her email address is alesias@clemson.edu. Remember, email is not a fully secured method of communication and should not be used to discuss Title IX issues.

Clemson University aspires to create a diverse community that welcomes people of different races, cultures, ages, genders, sexual orientation, religions, socioeconomic levels, political perspectives, abilities, opinions, values and experiences.

Emergency Preparation

Emergency procedures have been posted in all buildings and on all elevators. Students should be reminded to review these procedures for their own safety. All students and employees should be familiar with guidelines from Clemson University Public Safety.

Clemson University is committed to providing a safe campus environment for students, faculty, staff, and visitors. As members of the community, we encourage you to take the following actions to be better prepared in case of an emergency:

1. Familiarize yourself with all possible exits, safer locations, and other key information on the emergency evacuation maps in this building, and those that you visit regularly.
2. Make a plan for how you would Run, Hide, and Fight in case of an active threat in this building, and those that you visit regularly. For example:
    a. Run – what are all the possible exits in this building, and the routes to them?
    b. Hide – what are the potential hiding locations in this room and building that are out of sight of doors and windows, how do you lock the door(s), how would you barricade the door(s) and windows, where do you turn off the lights?
    c. Fight – What tools are available in this room and building, should you have to fight?
3. Ensure you are signed up for emergency alerts. Alerts are only sent when there is a potential threat to safety, a major disruption to campus services, and once-monthly tests.
4. Download the Rave Guardian app to your phone. (https://www.clemson.edu/cusafety/cupd/rave-guardian/)

5. Learn what you can do to prepare yourself for the hazards that affect our locations. (http://www.clemson.edu/cusafety/EmergencyManagement/)

UNIVERSITY POLICIES AND STUDENT SUPPORT, SYLLABUS PART TWO 2023-24

Thank you to all units for providing this information for students!
For accessibility, this document uses a WORD template (headers h1, h2, h3), use of icons for readability, which are marked 'decorative' in alternative text. Use WORD templates in all your documents to help students using reading apps.

Carefully review all instructions in the class regulations letters per the Dean of Undergraduate Studies and the Graduate School Dean. The following document is provided for you to use with students. It does not include other information and explanations about class regulations that are posted by the Deans.

Each syllabus has to include four policies: an accessibility statement, the Title IX statement, the Academic Integrity statement, and the emergency preparedness statement are required in the syllabus. Make sure your course syllabus at least has these four statements!

We recommend that you add this syllabus "part two" to your Canvas site. **Delete this introductory text and save this as a pdf.**

--OTEI Office of Teaching Effectiveness and Innovation

CONTENTS

STUDENT SUPPORT

ACADEMIC SUCCESS CENTER

The Academic Success Center (ASC) offers a variety of free learning and success services for all undergraduate students that are designed to equip students with strategies and resources they can use to become a more confident, independent and skillful learner.

LEARNING SUPPORT SERVICES

- Peer Tutoring – students can expect a 1:1 meeting with a trained undergraduate peer leader (who made an A or B in the course and was recommended by a faculty member) during which the student can share specific questions they have about course content with

the tutor focused on helping the student, through questioning techniques and identification of helpful learning strategies, master course concepts. Tutors do not help with homework or other class assignments. (Linked to a course)

- Peer-Assisted Learning (PAL) – students can expect collaborative and active group learning and study sessions focused on mastery of course content and learning strategies that are facilitated by a trained undergraduate peer leader (who made an A or B in the course and was recommended by a faculty member). PAL leaders do not help with homework or other class assignments. (Linked to a course)
- Academic Coaching – students can expect a 1:1 meeting with a trained professional academic coach during which the coach helps students see themselves, their skills, and their study habits from a fresh perspective through one-on-one sessions focused on learning and personal success strategies.
- Success Strategy Workshops – students can expect 30 - 45-minute workshops on college success skills, time management and organizational skills, test-taking strategies, study strategies, finals preparation, life skills, and academic resources.

CAMPUS LOCATION

The Class of 1956 Academic Success Center building is in the center of campus adjacent to Cooper Library and the Watt Family Innovation Center.

INCLUSION STATEMENT

The Academic Success Center exists to inspire success in every student who participates in our programs and services. Celebrating and honoring the diversity of our students, faculty, and staff is at the core of inspiring success and a sense of belonging. The diversity of our Clemson community comes in many forms, but inclusion comes in only one form – when each member of our community experiences a real sense of belonging. We, the ASC staff, are committed to creating a welcoming and inclusive experience at the Center. We affirm that our goal of creating and delivering welcoming, inclusive, and equitable student learning experiences at the Center requires our active and ongoing commitment to listening and learning through engagement in professional development opportunities and confronting and dismantling inequalities. We

acknowledge that this will be an ongoing work in progress and pledge to strive for continuous improvement.

ACADEMIC ADVISING

[Academic advising](#) is an ongoing educational process that connects the student to the University. Academic advising supports the University's mission of preparing the student for learning beyond the confines of the academy. Academic advisors represent and interpret University policies and procedures to the student and help the student navigate the academic and organizational paths of the institution.

CLEMSON LIBRARIES

Do you need library sources but don't know where to start? Do you need to search for a book, article, or data to support your research or paper? Not sure how to cite a source properly in your bibliography? Don't spend hours searching on your own -- ask a librarian! Help is available in person at each of our locations: Cooper Library, Gunnin Architecture Library (in Lee Hall), and the Education Media Center (in Tillman Hall). You can also chat with a librarian live from our [website,](#) or text 864.762.4884. The Libraries also have a list of helpful [online course guides](#) for dozens of subject areas that can help you find articles, databases, books and more.

Extended research assistance with librarians who specialize in subject areas is available by appointment. A list of librarians and their areas of expertise are listed on the [subject librarians](#) page. For assistance with digital and hands-on creative projects, the Adobe Studio and Makerspace is located on the 5th floor of Cooper Library and is staffed with experts who can help turn your creative ideas into reality. The [Scholar's Lab](#) on the 4th floor of Cooper provides support for data visualization, data analysis, and digital research methods. And don't forget about the Libraries [textbook lending](#) and [technology lending](#) programs. Check out the Libraries' web page for upcoming workshops and other events.

If you are having hardware or software problems, CCIT's Service Desk may be able to help you. Contact them by emailing ITHELP@clemson.edu, calling or texting (864) 656-3494, or starting a live chat at ccit.clemson.edu. The help desk is located on the 2nd floor of Cooper Library.

GRADUATE STUDENT SUCCESS RESOURCES

The Graduate School maintains a collection of grad student resources applicable to graduate students for professional development, governance, the handbook, and thesis/dissertation resources). It has resources regarding education, student life, and health and safety as well.

 ELECTION DATES

U.S. local elections are facilitated through state and county municipalities. Students attending college may register to vote at their local campus addresses or choose to remain registered or register at their permanent or home address. The nonpartisan ClemsonVotes coalition has compiled information for all students on state-by-state voter registration: https://www.campusvoteproject.org/state-student-voting-guides.

Voter registration differs by states but the registration deadlines in South Carolina are no fewer than 30 days prior to an election. In SC in 2024, we will have a Democratic Presidential Primary on Feb 3, 2024, a Republican Presidential Primary on Feb 24th, 2024 (tentative), a National Primary on June 11th, 2024 and the National Election on November 5th, 2024!

 MICHELIN CAREER CENTER

[The Michelin® Career Center,](#) in the Center for Career and Professional Development, assists undergraduate and graduate students in selecting appropriate fields of study, learning effective job searching strategies, and making connections with employers. Career counselors are available to meet with students to explore career or educational options, develop résumés and cover letters, hone interviewing techniques, conduct searches for internships and full-time jobs, and ready themselves for interviewing with employers.

In addition, students may utilize [ClemsonJobLink,](#) a job board specifically designed for Clemson students. ClemsonJobLink is a central place for employers to post part-time and full-time jobs, internships, on-campus interviews, and events. The Center's goal is to equip students with the skills and tools to find part-time jobs and internships, as well as full-time jobs post-graduation. Additional information can be obtained from the [Career Center's website](#) or by calling 864-656-6000.

THE CENTER'S INTERNSHIP PROGRAM

This program brings together students and employers to facilitate academically enriching and mutually beneficial work experiences. This program offers on-campus, off-campus and international internship options. Students may participate in either part-time or full-time internships.

UPIC: UNIVERSITY PROFESSIONAL INTERNSHIP AND CO-OP

The University Professional Internship and Co-op (UPIC) Program offers students on-campus professional learning experiences. Students have the opportunity to work with Clemson faculty and staff on Clemson's main campus, as well as other sites across the state, while receiving an academic internship notation on their transcripts. Enrollment in the appropriate INT course and payment of the corresponding fee is a requirement of the program (e.g. INT 1510). In order to be eligible for the program, a student must have completed at least one full semester at Clemson University and be an enrolled and matriculating undergraduate student in good standing.

Available internships are typically listed in ClemsonJobLink halfway through the semester prior to the experience. Additional information is available at http://career.clemson.edu or by calling the program office at 864-656-0282.

COOPERATIVE EDUCATION

The Cooperative Education Program (or Co-op Program) is a rigorous engaged-learning program designed to provide students with the opportunity to learn under a mentor in their field of study. Companies partner with the program to host the co-op student for two, three or more rotations and this in-depth learning experience becomes an integral part of the student's education. The co-op student's experience is monitored and evaluated by the faculty and academic staff of the Co-op Program. Co-op students are paid by the host company. Students enroll in the program and begin the matching process at the beginning of the semester. For more information, contact the program office at 864-656-3150 and speak with a co-op advisor.

MILITARY & VETERAN ENGAGEMENT

Clemson University values veterans and military-connected students and is proud to offer individualized support through Military & Veteran Engagement (M&VE). Please email veteran@clemson.edu or call 864-656-2982 for additional information about campus and community resources, to connect with other veterans and military-connected students, or for assistance transitioning to campus life. Visit the M&VE resource center currently located in 108 Vickery Hall for additional assistance, amenities, and opportunities.

M&VE website: https://www.clemson.edu/studentaffairs/veterans/.

REGISTRAR

The Registrar's office provides information about important deadlines, degree and program requirements, and other key information, including use of iROAR to add, drop, or withdraw from courses.

STUDENT ACCESSIBILITY SERVICES: ACCESSIBILITY STATEMENT

Students who experience a barrier to full access to this class should let the instructor know and are encouraged to request accommodations through SAS (Student Accessibility Services) as soon as possible. To request accommodations through SAS, please see this link: https://www.clemson.edu/academics/studentaccess/register.html. You can also reach out to SAS with questions by calling 864-656-6848, visiting SAS at the ASC Suite 239, or stopping by the office as a drop-in appointment.

STUDENT HEALTH AND WELLNESS RESOURCES

Student Health Services, located within Redfern Health Center and commonly called "Redfern", strengthens Clemson University by providing quality medical and mental health care and advocating for the health, safety, and well-being of the campus community. Student Health Services strives to be an innovative health care system providing integrated, high-quality services that are responsive to the needs of the University community.

For information on who to contact for help in a crisis situation, visit the Student Health contact page and the emergency/crisis page for getting help.

CAPS: COUNSELING AND PSYCHOLOGICAL SERVICES

At Counseling and Psychological Services (CAPS). you are encouraged to be an active participant in your medical and mental health care. Which service is the right one for you hinges on your individual need, and CAPS will help you figure that out.

CAPS is committed to educating students, as well as offering outreach services to faculty and staff members in order to improve the quality of their interactions with students and to promote a healthy work environment.

Students seeking services should call CAPS reception at 864-656-2451 during business hours (8:00 a.m.-4:30 p.m.). Counselors will be available to conduct a brief phone screen to determine the best way to serve your needs. Other resources available online include an online mental health screening and Therapy Assist Online (TAO) for access to self-help materials.

WRITING LAB

Clemson University's Writing Lab offers free one-on-one writing support for undergraduate and graduate students. Available appointments include in-person and virtual options. Students can seek support at any stage of the writing process, from brainstorming to final revisions. Arrangements can be made for group appointments and NDA-safe environments are available. Visit the Writing Lab's website for more information about their services or to make an appointment. Please note that the Writing Lab is located on the third floor of Cooper Library.

THE PAW PANTRY

The Paw Pantry is an on-campus food pantry and resource center available to Clemson University students free of charge, no questions asked. Non-perishable foods, school supplies, hygienic supplies, and household items are available. Paw Pantry is currently located at Sirrine Hall, Room 233. The hours of operation can be found here. If interested in utilizing the pantry, donating, or volunteering please visit our website, email pawpantry@clemson.edu or follow on Instagram @cupawpantry. Contact person is Kate Radford at 864-656-2535.

CLEMSON POLICIES

ACADEMIC CONTINUITY

Clemson has developed an Academic Continuity Plan for academic operations. Should university administration officially determine that the physical classroom facility is not available to conduct classes, class will be conducted in a virtual (online) form. The university issues official disruption notifications through email, website, text notification and social media. When notified, use one of the following links to navigate to Clemson Canvas where you will find important information about how we will conduct class:

- o Primary access link: http://www.clemson.edu/canvas
- o Secondary access link, if needed: https://clemson.instructure.com/
- o You can also use the Canvas Student App. Visit the downloads page for this app.

Course activities will be facilitated through Canvas.

⚖️ ACADEMIC INTEGRITY

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See the Undergraduate Academic Integrity Policy website for additional information and the current catalog for the policy.

For graduate students, see the current graduate student handbook for all policies.

ACADEMIC GRIEVANCES

Undergraduate students are advised to contact the Ombuds' Office prior to filing an academic grievance. If the undergraduate academic ombudsman agrees that a grievable issue has occurred, students can contact Undergraduate Studies (656-3022) for assistance filing official paperwork within 30 days of the semester following the awarding of a disputed grade.

Graduate students follow the Graduate Student Handbook (per the catalogue, "grievances must be filed with the Graduate School within 60 days of the alleged act.")

ACCESSIBILITY

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© COPYRIGHT

Materials in courses are copyrighted, including instructor's materials. They are intended for use only by students registered and enrolled in a particular course and only for instructional activities associated with and for the duration of the course. They may not be retained in another medium or disseminated further. They are provided in compliance with the provisions of the Teach Act. Students must seek permission from instructors to record any class activity, including lectures, discussions, and presentations. Students should refer to the Use of Copyrighted Materials and "Fair Use Guidelines" policy on the Clemson University Website for additional information.

Original works of authorship including but not limited to books, novels, poetry, articles, works of art, photos, images, videos, movies, music, architectural designs etc. are protected under copyright law. Unless otherwise indicated all such materials are copyright protected. When copyright protected materials or portions of such materials are made available to you by an instructor, they are intended to be used for educational purposes, for use only by students enrolled in a particular course and only for instructional activities associated with the course. They should not be retained in another medium or disseminated. Any further use of this material may be in violation of federal copyright law.

(=)   COMMITMENT TO DIVERSITY

Clemson University aspires to create a diverse community that welcomes people of different races, cultures, ages, genders, sexual orientation, religions, socioeconomic levels, political perspectives, abilities, opinions, values and experiences.

THE CLEMSON UNIVERSITY TITLE IX STATEMENT REGARDING NON-DISCRIMINATION

Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran's status, genetic information or protected activity in employment, educational programs and activities, admissions and financial aid. This includes a

prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972. This Title IX policy is located on the Access and Equity website. Ms. Alesia Smith is the Clemson University Title IX Coordinator, and the Assistant Vice President of Equity Compliance. Her office is located at 223 Brackett Hall, 864-656-3181 and her email address is alesias@clemson.edu. Remember, email is not a fully secured method of communication and should not be used to discuss Title IX issues.

📢 EMERGENCY PREPAREDNESS STATEMENT

Emergency procedures have been posted in all buildings and on all elevators. Students should be reminded to review these procedures for their own safety. All students and employees should be familiar with guidelines from Clemson University Public Safety.

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2. Make a plan for how you would Run, Hide, and Fight in case of an active threat in this building, and those that you visit regularly. For example:
    ☐ Run – what are all the possible exits in this building, and the routes to them?
    ☐ Hide – what are the potential hiding locations in this room and building that are out of sight of doors and windows, how do you lock the door(s), how would you barricade the door(s) and windows, where do you turn off the lights?
    ☐ Fight – What tools are available in this room and building, should you have to fight?
3. Ensure you are signed up for emergency alerts. Alerts are only sent when there is a potential threat to safety, a major disruption to campus services, and once-monthly tests.
4. Download the Rave Guardian app to your phone (https://www.clemson.edu/cusafety/cupd/rave-guardian/)

5. Learn what you can do to prepare yourself for the hazards that affect our locations (http://www.clemson.edu/cusafety/EmergencyManagement/)

💬 ONLINE CONDUCT

Appropriate online academic conduct means maintaining a safe learning environment based on mutual respect and civility. All participants in Clemson courses are expected to behave professionally by adhering to standards of conduct, such as:

- Never transmit or promote content known to be illegal or protected by copyright.
- Never use harassing, threatening, embarrassing, or abusive language or actions.
- Respect other people's privacy as well as your own.

Online interactions that fail to meet standards of conduct may result in being blocked from online discussions, receiving a grade penalty, or being dismissed from the course. Such misconduct in the online environment may also be reported to officials for appropriate action in accordance with university policy. If you ever encounter inappropriate content in your course, please contact Matthew Briggs and the instructor with your concerns.

🔍 RESEARCH

Please consult the Clemson research policies.   If a course includes the use of animals, IUCAC regulations must be followed.   If a course involves any human subjects research, this research will comply with campus IRB regulations. This includes research of the course itself, which, while it may fall under one of the exempt categories, needs IRB review.