# ---- GEOG 1301; Physical Geography/Meteorology ---- OLC Syllabus---

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Contact me via email only for any issues/concerns. Do not use Blackboard messages

Office hours: Virtual as scheduled by need

Textbook: Geosystems: An Introduction to Physical Geography, 10th Edition;

Robert Christopherson & Ginger H. Birkeland ©2018 | Pearson | ISBN - 13 | 9780134597119

https://www.pearson.com/us/higher-education/product/Christopherson-Geosystems-

An-Introduction-to-Physical-Geography-10th-Edition/9780134597119.html

# No late work will be accepted in this course.

## **GEOG 1301. Physical Geography**

This course provides and introduction to the processes involved in the formation of the Earth's physical environment. Emphasis is on the general studies of flora, fauna, weather, climate, vegetation, soils, and land forms. A focus on meteorology will be integral to the course.

#### **Course Description**

This foundation course for the study of physical geography will introduce students to key areas of geography, including climate, weather, soils, land and resource management, cartography, geomorphology, agriculture, human migration and settlement patterns, urban development, and the influence of geographic factors on social organization and development. It will also include the applications of the discipline, such as the role of physical geography in the determination of population patterns, economic development, landforms, natural disasters and infrastructure development. Field trips may be a component of the course.

## **Course Objectives**

Students are expected to act in a professional and mature manner during this course. They are to be responsible, display emotional maturity and responsibility and have the desire and motivation to learn. Students are expected to accomplish the following:

- to think critically and thoughtfully about diverse and complex issues.
- to become familiar with the world in which we live.
- to be able to identify and discuss cultural and political issues of the world in which we live in an intelligent and professional manner.
- to engage in discussions about the geographic concepts and philosophies and learn how to teach others these basic concepts and beliefs.
- to research and communicate orally and in writing on various topics of concern and interest in the world.
- to learn different disciplines of geography and how they relate and interrelate in the world and on smaller scales of interest.

- to be able to read and interpret various different maps and atlas information and to combine the information into a context for teaching others.
- to become a person who will be able to appreciate and understand other cultures and beliefs in the world.
- to relate to and identify basic geographic skills such as spatial interaction, the "why where?" concept and mapping projections and techniques.

#### **GEOG 1301 – Physical Geography**

#### **Knowledge:**

Students will demonstrate knowledge of fundamental physical geography to include:

- Demonstrate appreciation for and understanding of the Earth and its physical systems. (Includes demonstrating knowledge of the spheres, geospatial measurement (lat./lon.), seasons, etc.)
- Demonstrate an understanding of the complex nature of the Earth's atmosphere. (Includes describing its composition, vertical structure, changes, differences between weather and climate, insolation/temperature, pressure, wind, moisture, weather in general, etc.)
- Demonstrate an understanding of the complex nature of the Earth's hydrosphere. (Includes demonstrating understanding of the hydrological cycle, oceans, ice, surface water, sub-surface water, etc.)
- Demonstrate an understanding of the complex nature of the Earth's lithosphere. (Includes demonstrating understanding of the nature of soils, landforms and landform processes [internal, fluvial, solution], etc.)
- Demonstrate an understanding of the complex nature of the Earth's biosphere. (Includes demonstrating understanding of biochemical cycles, food chains, ecosystems and biomes, environmental relationships, etc.)\

#### **Skills:**

Students will demonstrate the ability to interpret:

- Graphs/charts
- Maps and/or remotely sensed images

#### Students will practice skills in:

- Time management
- Speaking/presenting in class
- Working collaboratively in groups
- Primary-source research

## **Learning Outcomes**

This course is designed to be an introductory course in Physical Geography. This class will focus on the readings, maps and photographs of the Earth as described by the required textbook. A study of the physical geography of the Earth and the interrelations of people and the physical world will be the focus of this class.

Each student will learn the climates, landforms, natural disasters, weather systems and plate tectonics of the planet Earth. The students will learn and discuss how the continents, realms and regions of the world vary in culture, population, religion, politics, natural resources, climate and economics due to physical geography. Also, students will acquire a general knowledge of the Earth's meteorology, the various soils and materials which encompass the world and how different landforms are created.

At the conclusion of this course the students will be able to understand, interpret and realize the diverse world in which we live in an intellectual manner and disposition. Each student should have a general knowledge of our physical processes, features and how it affects where and how people live. Too often we get caught up in our own little world and do not realize who are neighbors really are, what they are like, what they believe and how they live. This course will enable the students to broaden their views, beliefs and ideals about the world in which we all live and interrelate.

#### **Institutional Goals**

- Achieve a depth of knowledge in a single discipline sufficient to understand its methods, language, content, history and value.
- Achieve an awareness of and respect for diverse religions, cultures, and viewpoints.
- Students should be able to write clearly and coherently, read with comprehension, speak effectively, and listen with care and openness.
- To think critically and reflectively and draw reasonable, supportable conclusions both individually and in groups.
- Students are assisted in the development of an integrated ethical perspective and a sense of moral purpose.
- To have a desire to cultivate physical and psychological health and wellbeing.
- To develop a will to pursue continued culture, intellectual, and spiritual growth.

#### **Course Requirements**

For the on-line asynchronous format students are expected to manage their time in accordance with the schedule of the class assignments, discussions and class exams. It is the responsibility of the student to submit assigned work on-time and participate in the Discussion Board forums. The textbook is the essential learning tool for this class. Please acquire the textbook and read the required chapters for the success in this course

#### Attendance (during Covid 19 health concerns policy subject to change/modify as needed)

All students are expected to attend all scheduled class meetings and be on time. However certain unforeseen circumstances or situations do arise and cannot be helped or avoided. In these extreme circumstances <u>3 absences are allowed</u>. Any more than 3 unexcused absences will result in a 30 point reduction in your final grade for each additional absence after the third. (Example: 3 absences with 2 additional — 60 point reduction in final grade) \*\*\*Student athletes and other student involvement in organizations will be given proper consideration for conflicts and need to make proper arrangements for class notes etc. missed.

Not applicable to On-line asynchronous format class.... However, participation is expected.

#### **Plagiarism**

With the advent of technological advances and the internet, plagiarism has become more of a problem in today's education system. I trust that you will be mature and intelligent about not attempting to plagiarize your work. If the situation does arise a "swift and fierce" punishment will be done without hesitation. The first time it happens an automatic "F" will be given on that particular assignment. The next time will result in an "F" for the course.

### **AI Policy**

Since writing, analytical, and critical thinking skills are part of the learning outcomes of this course, all writing assignments should be <u>prepared by the student</u>. Developing strong competencies in this area will prepare you for a competitive workplace. Therefore, AI-generated submissions are not permitted and will be treated as plagiarism.

# **ADA Policy**

Texas A&M University makes every effort to ensure that students are not impeded in any form from learning and participating in the learning process. Guidelines are available through Student Services and the Welcome Center.

#### **Class Format**

Most classes will be in the form of lecture, discussion, group-work and field trips. The use of illustrations, maps, transparencies, slides, videos and PowerPoint presentations will be an integral part of the class. At times, there may be a guest speaker on a topic which we are covering and discussing. Group discussions will be encouraged.

Students are discouraged from having private conversations, rude behavior, tardiness or leaving early from class. Cell phones, i-pods, ipads (unless used for lecture note-taking), etc. must be turned off during class. This is not only unprofessional, but very rude and inappropriate. If a situation arises in which the cell phone is needed to receive calls or be contacted for an emergency only please see me prior to class and arrangements will be made. A student who continually disregards these rules will be sent to the Dean without hesitation and appropriate measures will be take

#### **TexShare Card:** (Research)

All students should acquire a TexShare card. This card will give you access to books and other research materials at most area university libraries, including UTSA and the Alamo College campuses. Contact the TAMU-SA librarian for assistance. This card will enhance your research in other courses also.

**Communication:** Your success depends on the communication you have with me throughout the course. Please keep me informed of issues or reasons as to why your assignment was not submitted. I will consider alternatives, such as deducting points and accepting late work or some extra credit to make up for points during the semester in extreme circumstances only. Please inform me if unforeseen issues arise.

| <b>Major Course Rec</b> | quirements and ( | Grading pol | icy ( | (Point sy | stem) |
|-------------------------|------------------|-------------|-------|-----------|-------|
|                         |                  |             |       |           |       |

**Total: 1000 points** 

**Point Scale:** 900 - 1000 = A

800 - 899 = B700 - 799 = C

600 - 699 = D599 & below = F

# \* COURSE WORK IS TO BE SUBMITTED VIA TURNITIN ON BLACKBOARD

\*\* Discussion topics to be submitted on the Discussion Board

# Major Assignments (5) – submission via email and "Turnitin Assignments" on Blackboard

You will be assigned 5 major assignments during the semester.

The readings assigned in your textbook will be the primary source of your information. Expect to submit your completed work on the due date given. You may submit it early.

No late papers or make-up work will be accepted.

# Discussion Topics (4) – submission on the Discussion Board

A list of topics will be posted during the semester on the Discussion Board section of Blackboard. Please participate and discuss each topic intellectually and analytically. **Make sure you participate prior to the due date**. The access will end on the due date.

#### Final Exam (Specific time period for this to be completed/submitted on Turnitin)

Each student will be required to take the exam. It will be comprehensive and will be based on the material/discussions covered during the semester. You will be informed of the due date and format of the final exam prior to or directly following the mid-term.

NOTE: \*\*This syllabus is not a contract and may be changed at the instructor's discretion.

#### **IMPORTANT POLICIES AND RESOURCES – January 2024**

Academic Accommodations for Persons with Disabilities: Texas A&M University-San Antonio is committed to providing all students with reasonable access to learning opportunities and accommodations in accordance with The Americans with Disabilities Act, as amended, and Section 504 of the Rehabilitation Act. If you experience barriers to your education due to a disability or think you may have a disability, please contact Disability Support Services in the Central Academic Building, Suite 210, or at (210) 784-1335 or

visit <a href="https://www.tamusa.edu/index.html">https://www.tamusa.edu/index.html</a> or email us at <a href="descriptions">descriptions</a>. Disabilities may include, but are not limited to, attentional, learning, mental health, sensory, physical, or chronic health conditions. All students are encouraged to discuss their disability-related needs with Disability Support Services and their instructors as soon as possible.

Academic Learning Center: The Academic Learning Center provides free course-based tutoring to all currently enrolled students at Texas A&M University-San Antonio. Students wishing to work with a tutor can make appointments through the Brainfuse online tutoring platform. Brainfuse can be accessed in the *Tools* section of Blackboard. You can contact the Academic Learning Center by emailing tutoring@tamusa.edu, calling (210) 784-1307, or visiting the Central Academic Building, room 202.

<u>Counseling/Mental Health Resources:</u> As a college student, there may be times when personal stressors interfere with your academic performance and/or negatively impact your daily functioning. If you are experiencing emotional difficulties or mental health concerns, support is available to you through the Student Counseling Center (SCC). To schedule an appointment call 210-784-1331 or visit Madla 120.

All mental health services provided by the SCC are free and confidential (as the law allows). The Student Counseling Center provides brief individual and group therapy, crisis intervention, consultation, case management, and prevention services.

Crisis support is available 24/7 by calling the SCC at 210-784-1331 (after-hours select option '2'). For more information and self-help resources, please visit www.tamusa.edu/studentcounseling

<u>Emergency Preparedness:</u> 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 with instructions and updates. To register or update your information visit: https://tamusa.bbcportal.com/.

More information about Emergency Operations Plan and the Emergency Action Plan can be found here: <a href="https://www.tamusa.edu/about-us/campus-information/safety/university-police-department/documents/emergency-operations-plan.pdf">https://www.tamusa.edu/about-department/documents/emergency-operations-plan.pdf</a> and <a href="https://www.tamusa.edu/about-us/campus-information/safety/university-police-department/documents/emergency-action-plan.pdf">https://www.tamusa.edu/about-us/campus-information/safety/university-police-department/documents/emergency-action-plan.pdf</a>

Download the SafeZone App for emergencies or call (210) 784-1911. Non-Emergency (210) 784-1900

<u>Financial Aid and Verification of Attendance:</u> 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.

Writing, Language, and Digital Composing Center: The Writing, Language, and Digital Composing Center supports graduate and undergraduate students in all three colleges as well as faculty and staff. Tutors work with students to develop reading skills, prepare oral presentations, and plan, draft, and revise their written assignments. Our language tutors support students enrolled in Spanish courses and students composing in Spanish for any assignment. Our digital studio tutors support students working on digital projects such as eportfolios, class presentations, or other digital multimedia projects. Students can schedule appointments through JagWire under the Student Services tab. Click on "Writing, Language, and Digital Composing Center" to make your appointment. The Center offers face-to-face, synchronous online, and asynchronous digital appointments. More information about what services we offer, how to make an appointment, and how to access your appointment can be found on our website at https://bit.ly/WLDCCenter. 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.va@tamusa.edu or (210)784-1397.

<u>Religious Observances:</u> 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.

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 non-punitive 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 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, sex, religion, national origin, age, disability, genetic information, veteran status, sexual orientation, gender identity, gender expression, or pregnancy/parenting 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. Texas A&M University-San Antonio faculty are committed to providing a safe learning environment for all students and for the university as a whole. If you have experienced any form of sex- or gender-based discrimination or harassment, including sexual assault, sexual harassment, domestic or dating violence, or stalking, know that help and support are available. A&M-San Antonio's Title IX Coordinator can support those impacted by such conduct in navigating campus life, accessing health and counseling services, providing academic and housing accommodations, and more. The university strongly encourages all students to report any such incidents to the Title IX Coordinator. Please be aware that all A&M-San Antonio employees (other than those designated as confidential resources such as counselors and trained victim advocates) are required to report information about such discrimination and harassment to the university. This means that if you tell a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the university's Title IX Coordinator (titleix@tamusa.edu, 210-784-2061, CAB 439K). If you wish to speak to a confidential employee who does not have this reporting requirement, you can contact the Student Counseling Center at (210) 784-1331 or visit them in Madla 120.

Pregnant/Parenting Students: Texas A&M-San Antonio does not require a pregnant or parenting student, solely because of that status or issues related to that status, to (1) take a leave of absence or withdraw from their degree or certificate program; (2) limit the student's studies; (3) participate in an alternative program; (4) change the student's major, degree, or certificate program; or (5) refrain from joining or cease participating in any course, activity, or program at the University. The university will provide reasonable accommodations to pregnant students that would be provided to a student with a temporary medical condition and that are related to the health and safety of the student and the student's unborn child. These could include maintaining a safe distance from substances, areas, and activities known to be hazardous to pregnant individuals and their unborn child; excused absences because of illness or medical appointments; modified due dates for assignments; rescheduled tests/exams; taking a leave of absence; and being provided access to instructional materials and video recordings of lectures for excused absences, if these would be provided to any other student with an excused absence. Pregnant/parenting students are encouraged to contact the Title IX Coordinator with any questions or concerns related to their status (titleix@tamusa.edu; 210-784-2061; CAB 439K).

Texas A&M-San Antonio has also designated the Title IX Coordinator as the liaison officer for current or incoming students who are the parent or guardian of a child younger than 18 years of age. The Title IX Coordinator can provide students with information regarding support services and other resources.

<u>Students' Rights and Responsibilities:</u> 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 administration.
- 2. A student has the responsibility to be fully acquainted with the published University Student Rules found in the Student Handbook, <u>Student Code of Conduct</u>, on our website, University Catalog 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 recognize the University's obligation to provide an environment for learning.
- 5. A student has the responsibility to check their university email for any updates or official university notification.

We expect that students will behave in a manner that is dignified, respectful, and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated. Students are expected to exhibit a high level of honesty and integrity in their pursuit of higher education. 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. For more information on academic misconduct policies and procedures please review the Student Code of Conduct.

#### **COVID-19 SYLLABUS ADDENDUM -2**

COVID-19 is a dangerous illness. Above everything else, your health and safety are our concern. The best estimate now is that 20–40% of people infected with the virus have no symptoms. In compliance with safety practices, students are required to complete the COVID-19 student training course. Upon completion, you will receive a certificate with your name and date of completion. If you have yet to complete the course, please do so immediately, as completion is required to return to campus and participate in the Fall 2020 academic semester.

NOTE: If you do not complete this training, you will have a Dean of Students hold on your records, which will prevent adds, drops, and registration.

Students are required to conduct a self-assessment each day before coming to campus to determine if they are exhibiting any signs or symptoms of COVID-19 or have been exposed to COVID-19. Your presence on campus means that you certify that you are not exhibiting any signs or symptoms.

# CHECKLIST If <u>any</u> of the following apply to you, stay home!

- 1. Have a diagnosis or suspected case of coronavirus;
- Are currently exhibiting any of the symptoms associated with COVID-19 as listed on the CDC "Symptoms of Coronavirus" web page <a href="https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html">https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html</a>—even one symptom (e.g., cough or headache);
- 3. In the past 14 days have had close (less than six feet) contact with a person who has a lab-confirmed case of COVID-19:
- 4. In the past 14 days have had close (less than six feet) contact with a person who is awaiting results of a COVID-19 test because of symptoms or exposure;
- 5. In the past 14 days have returned from travel or have traveled through an area with state or local travel restrictions that mandate quarantine upon arrival home.

- Fever or chills (feeling feverish or a measured temperature greater than or equal to 100.0 degrees Fahrenheit)
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- Loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

# When in doubt, stay home!

If any of the above apply to you, **do NOT come to campus**. **Instead, contact your professor and the Dean of Students Office dos@tamusa.edu**, office phone: (210) 784-1354.

All components of this class, including assessments, can be completed virtually, through Blackboard or other platform used in this class. Office hours will be held via Webex or other platform provided by the instructor.

# For lecture classes that include a face-to-face component:

Accommodation for missing class if you meet one of the criteria on the checklist or do not feel comfortable physically attending will be made without penalty. Visitors are not allowed, and students can attend class only on their designated day for in-person attendance. All students have a responsibility to ensure they are always contributing to a safe learning environment by following all health and safety protocols.

#### For laboratory classes that include a face-to-face, hands-on component:

Unlike lecture classes with face-to-face components, laboratories are designed to provide hands-on experience and training in particular skills that are difficult to attain online. Thus, if students are registered for a laboratory course with a face-to-face component, it is expected that they physically attend on their scheduled day. However, if students have a documented health issue, are in another high-risk category, or feel uncomfortable attending in person, they may be able to enroll in a section of the course that is designated OLC (online class). If no such section exists, which may occur in upper-division courses, it is imperative that students contact their instructors immediately, and accommodations will be handled on a case-by-case basis. Note: You and your instructor may decide that it's in your best interest to finish the course at a later date.

Once enrolled in either a hybrid or a fully on-line section, students may not switch between in-person and on-line learning without instructor approval due to the unique nature of preparing for hands-on activities in a laboratory environment as well as tight regulations on the number of students physically allowed in the laboratory. Accommodation for missing class if you meet one of the criteria on the checklist or do not feel comfortable attending will be made without penalty.

#### While in the classroom:

- 1. Sanitize your hands upon entering.
- 2. Always maintain at least six feet from others, including your instructor and other students.
- 3. Front-row seating will not be used.
- 4. Sit in designated seats.
- 5. Always wear a cloth face covering or surgical mask fully covering your mouth and nose at all times while in the classroom, even if alone.
- 6. Observe and conform to any markings on the floor indicating appropriate spacing and don't sit in a location that has been marked as being off limits.
- 7. You may ask questions by raising your hand during class or by emailing the instructor outside of class. Do not approach your instructor before or after class to ask a question or attempt to hand your instructor any document or item, as this does not facilitate social distancing.

While in the laboratory: Special laboratory safety instructions will be provided on the course-specific syllabus, and appropriate training will be provided.

Students who do not live up to these responsibilities will not be permitted to physically attend class. Failure to comply with these health and safety protocols is a violation of the Student Code of Conduct. A student who is not in compliance with these health and safety protocols will not be allowed to remain in the classroom and will be reported to the student-conduct office, which may result in the student being barred from the classroom for the remainder of the semester and may also lead to expulsion from the university.

Certain classes may transition to fully online when necessary for health and safety.