

ATMS 790/NRES 701C

Graduate Seminar in Atmospheric and Environmental Sciences

“Emerging Topics of Atmospheric And Environmental Science”

Spring 2021

Course will meet through Zoom, see WebCampus for the Zoom Link.

Instructor contacts:

Dr. Pat Arnott arnottw@unr.edu Physics Department-College of Science

Dr. Mae Sexauer Gustin mgustin@cabnr.unr.edu Department of Natural Resources and Environmental Science-College of Agriculture, Biotechnology, and Natural Resources

Format:

Students will present a paper from the scientific literature relevant to the seminar topic, but ideally something they have not yet mastered, so that the seminar provides both public speaking experience and enhanced mastery of the literature.

Each student should pick a paper to read at least 1.5 weeks before the class or sooner (latter preferred) and send the citation to Dr. Gustin and Dr. Arnott. This will allow for agreement among the student and instructors regarding the paper to be presented. Presentation should last ~ 30 minutes. Students are encouraged to discuss their paper and present their slides to an instructor of the class the week before their presentation. The paper presentation schedule, papers, and presentations given will be posted on Dr. Arnott’s webpage (<http://www.patarnott.com/atms790/>).

Everyone in the class will read the article in advance of the presentation, and an informal discussion will follow. Students will be graded on their presentation and discussion in the seminar.

Grades will be based on presentation 50%, and participation that includes attendance and discussion 50%.

Seminar topics will strengthen student preparation for their thesis/dissertation. We anticipate and encourage an eclectic mixture of topics.

University Policies

Statement on Academic Dishonesty:

"Cheating, plagiarism or otherwise obtaining grades under false pretenses constitute academic dishonesty according to the code of this university. Academic dishonesty will not be tolerated and penalties can include filing a final grade of "F"; reducing the student's final course grade one or two full grade points; awarding a failing mark on the coursework in question; or requiring the student to retake or resubmit the coursework. For more details, see the [University of Nevada, Reno General Catalog](#)."

Statement of Disability Services:

"Any student with a disability needing academic adjustments or accommodations is requested to speak with me or the [Disability Resource Center](#) (Pennington Achievement Center Suite 230) as soon as possible to arrange for appropriate accommodations."

Statement on Audio and Video Recording:

"Surreptitious or covert video-taping of class or unauthorized audio recording of class is prohibited by law and by Board of Regents policy. This class may be videotaped or audio recorded only with the written permission of the instructor. In order to accommodate students with disabilities, some students may have been given permission to record class lectures and discussions. Therefore, students should understand that their comments during class may be recorded."

Services for a Safe and Equitable Campus

Counseling and advocacy services are available through Counseling Services (775-784-4648) and the Equal Opportunity & Title IX office.

The University of Nevada, Reno is committed to providing a safe learning and work environment for all. If you believe you have experienced discrimination, sexual harassment, sexual assault, domestic/dating violence, or stalking, whether on or off campus, or need information related to immigration concerns, please contact the University's Equal Opportunity & Title IX office at 775-784-1547. Resources and interim measures are available to assist you. For more information, please visit the [Equal Opportunity and Title IX](#) page.

Statement for Academic Success Services

"Your student fees cover usage of the [Math Center](#) (775) 784-4433, [Tutoring Center](#) (775) 784-6801, and [University Writing Center](#) (775) 784-6030. These centers support your classroom learning; it is your responsibility to take advantage of their services. Keep in mind that seeking help outside of class is the sign of a responsible and successful student."

University Statement on COVID-19 Policies

Training

Students must complete and follow all guidelines as stated in the *Student COVID-19 Training* modules, or any other trainings or directives provided by the University.

Face Coverings

In response to COVID-19, and in alignment with State of Nevada Governor Executive Orders, Roadmap to Recovery for Nevada plans, Nevada System of Higher Education directives, the University of Nevada President directives, and local, state, and national health official guidelines face coverings are required at all times while on campus, except when alone in a private office. This includes the classroom, laboratory, studio, creative space, or any type of in-person instructional activity, and public spaces.

A “face covering” is defined as a “covering that fully covers a person’s nose and mouth, including without limitation, cloth face mask, surgical mask, towels, scarves, and bandanas” (State of Nevada Emergency Directive 024).

Students that cannot wear a face covering due to a medical condition or disability, or who are unable to remove a mask without assistance may seek an accommodation through the Disability Resource Center.

Social Distancing

Face coverings are not a substitute for social distancing. Students shall observe current social distancing guidelines where possible in accordance with the Phase we are in while in the classroom, laboratory, studio, creative space (hereafter referred to as instructional space) setting and in public spaces. Students should avoid congregating around instructional space entrances before or after class sessions. If the instructional space has designated entrance and exit doors students are required to use them. Students should exit the instructional space immediately after the end of instruction to help ensure social distancing and allow for the persons attending the next scheduled class session to enter.

Disinfecting Your Learning Space

Disinfecting supplies are provided for you to disinfect your learning space. You may also use your own disinfecting supplies.

COVID-19 Like Symptoms, and Contact with Someone Testing Positive for COVID-19

Students must conduct daily health checks in accordance with [CDC guidelines](#). Students testing positive for COVID 19, exhibiting COVID 19 symptoms or who have been in direct contact with someone testing positive for COVID 19 will not be allowed to attend in-person instructional activities and must leave the venue immediately. Students should contact the [Student Health Center](#) or their health care provider to receive care and who can provide the latest direction on quarantine and self-isolation. Contact your instructor immediately to make instructional and learning arrangements.

Tracking In-Class attendance

In person attendance will be fluid and difficult to track for classes taught through hyflex or multimodal instructional delivery. If a student in your class tests positive for COVID 19, an awareness of which students are present and in which seat they are sitting will be very important for contact tracing. Therefore, we suggest that instructors use their cell phones to photograph or video record classroom participants at the beginning of each class period. This will provide a record of in class attendance and student seating positioning. Instructors choosing this option, will be required to inform students during the first day of class and in their syllabus that in class participants will be photographed or videoed each period only for use for contact tracing purposes in the case one of their classmates test positive for COVID 19.

Laboratory, Studio, and Creative Space Settings

You will be provided specific instructions and procedures by your instructor for art studios, recording studios, digital media labs, testing centers, observation labs, podcasting studios, dance studios, clinical centers, research labs, physical science labs, etc. as necessary.

Failure to Comply with Policy (including as outlined in this Syllabus) or Directives of a University Employee

In accordance with section 6,502 of the University Administrative Manual, a student may receive academic and disciplinary sanctions for failure to comply with policy, including this syllabus, for failure to comply with the directions of a University Official, for disruptive behavior in the classroom, or any other prohibited action. "Disruptive behavior" is defined in part as behavior, including but not limited to failure to follow course, laboratory or safety rules, or endangering the health of others. A student may be dropped from class at any time for misconduct or disruptive behavior in the classroom upon recommendation of the instructor and with approval of the college dean. A student may also receive disciplinary sanctions through the Office of Student Conduct for misconduct or disruptive behavior, including endangering the health of others, in the classroom. The student shall not receive a refund for course fees or tuition.

Zoom Guidelines

Participation During Zoom Meetings

Portions of our class will take place synchronously via Zoom. During these meetings, students are expected to pay attention, participate in small groups, and engage with the material. If possible, find a quiet space without interruptions/background noise.

Video: Your video should be on during class—if you are not able, please email me ahead of time. Make sure your face can be seen clearly. Note that your instructor and classmates will be able to see you, and prepare accordingly (i.e., be fully dressed, avoid lying down in bed, etc.). Note that UNR has loaded

campus-themed virtual backgrounds into all Zoom accounts that can be used to hide your surroundings, if desired.

Audio: Your audio should be on when you join class, and you should immediately mute yourself upon entering the session (if you are not already muted). You can unmute yourself when you want to participate. Turning on your microphone is a good way to indicate you want to add to the discussion, but you can also use the hand-raising symbol. Your audio should be on the whole time you're in your breakout room.

Chat Function: Please use the chat tool to ask questions or contribute ideas; please stay on topic to the information being presented.