

January 13, 2021

**ASEN 5016  
SPACE LIFE SCIENCES**

**Spring 2021**

**Tues/Thurs 11:40-12:55pm MT  
Aero 114**

**Instructor: Dr. Torin Clark**

*email:* [torin.clark@colorado.edu](mailto:torin.clark@colorado.edu)

*office hours:* Friday 10-11am

**Course TA: Carlos Pinedo**

*email:* [carlos.pinedo@colorado.edu](mailto:carlos.pinedo@colorado.edu)

*office hours:* Wednesday 2-3pm

Monday 12noon-1pm

of the course. I ask that you post your questions related to course material there, such that

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used for each. The assignment involves writing a short journal article on an approved topic of your choice, your participation as a peer reviewer for the editor, revising your draft per the review comments you receive back, and resubmitting a final manuscript with a corresponding summary of changes made. From this background, you will subsequently prepare a research grant proposal that builds on your selected topic (along with a CV and budget), again goes through peer review, and culminates in a mock review panel. This end-to-end flow closely mimics the standard practice used in the scientific community and is a valuable generic process to experience regardless of your specific research interests.

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**GRADING**    **45% - Online Unit Quizzes, Best 5 of 6, 9% each**  
*Will occur roughly every 2 week*

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*Medicine for Mountaineering* general title, various options

*Space Physiology and Medicine*, 3<sup>rd</sup> ed., Nicogossian, Huntoon and Pool, 1994  
(out of print, difficult to find)

*Bioastronautics Data Book*, 2<sup>nd</sup> ed., Parker and West (eds.), NASA SP-3006,  
1973 (1<sup>st</sup> ed., Webb, 1964, both are out of print, difficult to find)

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## **Space Life Science Research**

Biomedical Countermeasures Ch. 11 & 12 (partial)  
Radiation Effects Ch. 3  
0g & 1g

Students who fail to adhere to these requirements will be asked to leave class, and students who do not leave class when asked or who refuse to comply with these requirements will be referred to [Student Conduct and Conflict Resolution](#). For more information, see the policies on [COVID-19 Health and Safety](#) and [classroom behavior](#) and the [Student Code of Conduct](#). If you require accommodation because a disability

All students who are new to campus must complete the [COVID-19 Student Health and Expectations Course](#). Before coming to campus each day, all students are required to complete the [Buff Pass](#).

Students who have tested positive for COVID-19, have symptoms of COVID-19, or have had close contact with someone who has tested positive for or had symptoms of COVID-19 must stay home. In this class, if you are sick or quarantined, please notify myself and your TA (Carlos Pinedo) as soon as you are able to do so. You do not need to state the

### **Accommodation for Disabilities**

If you qualify for accommodations because of a disability, please submit your accommodation letter from Disability Services to your faculty member in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities in the academic environment. Information on requesting accommodations is located on the [Disability Services website](#). Contact Disability Services at 303-492-8671 or [dsinfo@colorado.edu](mailto:dsinfo@colorado.edu) for further assistance. If you have a temporary medical condition, see [Temporary Medical Conditions](#) on the Disability Services website.

### **Preferred Student Names and Pronouns**

CU Boulder recognizes that students' legal information doesn't always align with how they identify. Students may update their preferred names and pronouns via the student portal; those preferred names and pronouns are listed on instructors' class rosters. In the absence of such updates, the name that appears on the class roster is the student's legal name.

### **Honor Code**

All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the Honor Code. Violations of the policy may include: plagiarism, cheating, fabrication, lying, bribery, threat, unauthorized access to academic materials, clicker fraud, submitting the same or similar work in more than one course

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