

NOTE: This syllabus is subject to change.

PATHWAY TO SPACE ASEN 1969

SYLLABUS - SPRING 2018

WELCOME TO THE CU SPACE SHOW!

Welcome to *Pathway to Space ASEN 1969*, CU Boulder's first and only Space Show! Your host for the show is Chris Koehler: rocket-making, NASA-award-winning, out-of-this world, amazing space mastermind. Each class will feature a special guest, a renowned specialist in a field of space study. They will introduce you to an exciting aspect of space, its influence on our world, and will describe how you can play a role. We're excited for you to join the show!

ASEN 1969 is currently the only required course for the [Space Minor](#). Contact the [Space Minor Program Manager](#), Ashleigh Bailey at Ashleigh.Bailey@CU

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CLASS TIME, LOCATION, AND FORMAT

Tuesdays and Thursdays from 3:30 - 4:45 PM in [Muenzinge](#)

ATTENDANCE POLICY

Attendance is required and will be tracked via Clickers. Clicker activity will be posted in D2L > Assessments > Grades on a regular basis. Any correspondence concerning attendance should be sent to pathway2space@gmail.com. If you have questions or concerns about the attendance policy, please come to office hours.

If you are sick, please stay home and send an email stating that you are sick before class time in order to be excused. Emails about sick absences received 8 or more hours after the missed class will not be accepted. If you miss more than two days of class due to illness, a note from a medical provider is required for your absences to be excused. Include the medical provider's contact info in the note. Give this note to Chris or a Classroom Assistant on the first day you return to class.

Absences related to official CU programs (athletics, clubs, marching band, ROTC, etc.) will be excused as long as you provide Chris a letter from that organization, including your name and class dates that will be missed, two weeks prior to the absence.

If you miss an in-class quiz and your absence is excused, you may make up the quiz during office hours within one week of your return to class.

Due dates for other assignments (e.g. Video Capsules, Reflection Reports, etc.) will be extended two days for each day of class that is excused as long as the assignment was due during the absence. There will be no extension of due dates for unexcused absences.

Other absences (e.g. family emergency, jury duty, car accidents, etc.) will be excused on a case by case basis as long as we receive an email with sufficient information within 8 hours of the missed class.

COURSE COMPONENTS

ATTENDANCE/CLICKERS

Attendance is an important component of *Pathway to Space*. Since each day features a different special guest, it is important that each student is present and fully engaged. Attendance will be taken using Clickers so be sure to follow the instructions to register your Clicker the first week of class.

VIDEO CAPSULES ([INFO VIDEO](#))

Pathway to Space is a flipped course, meaning that course content is provided through videos viewed outside of the classroom. Prior to each class, be sure to review the custom video lesson from our upcoming special faculty, industry, and government guests and complete the in-video quiz for credit. Access these videos in D2L > Content. We recommend you use either Chrome or Firefox to access the Video Capsules through D2L. The average video length is 20 minutes, but you will need additional time to complete the included quiz questions. The MAPs and STARS assignments are based on these Video Capsules. TIP: Plan ahead so you can review the Video Capsules in a quiet environment that allows you to pay close attention to the content.

COSMOS ([INFO VIDEO](#))

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PATHWAY TEAMS ([INFO VIDEO](#))

All *Pathway* students are randomly assigned to a team of approximately 5 to 7 students each. In addition to completing the MAPs and STARS assignments together, each team is required to have a meal together (picture required - post to the D2L Discussion forum). View your team as a resource and support system for the class. We'd love to see your pictures! Request permission from your teammates, then tag pictures on Instagram [@pathway2space](#). Please do not show student names in class to remind everyone who is on which team. Let us know via email if you prefer another name or gender pronoun.

MAPs - MATERIAL APPLICATION PERFORMANCES

The MAPs in-class activity is a time for your team to provide an original interpretation of something of interest from the Video Capsule assigned for that day. See the [MAPs Guidelines](#) for more information.

STARS - STUDENT TEAMS ASKING RENOWNED SPECIALISTS

The STARS in-class activity is a time for teams to gain a deeper understanding of a topic from a different perspective by asking questions to our special guest. See the [STARS Guidelines](#) for more information.

HOMWORK AND POP QUIZZES ([INFO VIDEO](#))

There are 4 to 5 structured homeworks throughout the semester. The first will be a walk-through of important to-dos, and clarify important components of the course. For more information, see the D2L > Content > Assignments > Homework.

Throughout the semester, 6 to 9 random, 10-minute pop quizzes will be administered. All pop quizzes will be covered to date in class. You will be able to use your *Pathway* notebook for these quizzes.

WN GRADE BREAKDOWN AND ESTIMATED TIME COMMITMENT

The table below shows the grade breakdown for *Pathway to Space*. It also provides an estimate on the average number of hours required in and out of class. These time estimates are just that and will vary based on the individual. Campus has an expectation of 2-3 hours of outside work each week for each credit hour of a class (3 credit hour course equates to ~6 to 9 hours per week or ~90 to 135 hours per semester).

UNIVERSITY-WIDE SYLLABUS STATEMENTS

ACCOMMODATION FOR DISABILITIES

Pathway to Space uses a variety of technologies including Desire2Learn, Clickers, PlayPosit, and Digication. To help provide the best experience possible, we recommend using Chrome or Firefox when accessing course materials, completing Video Capsules or Cosmos videos, and creating your ePortfolio. We are happy to sit down with you and test out any course technologies or answer any questions.

If you qualify for accommodations because of a disability, please submit to Chris a letter from Disability Services in a timely manner (for exam accommodations provide your letter at least one week prior to the exam) so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities. Contact Disability Services at 303-492-8671 or by email at dsinfo@colorado.edu. If you have a temporary medical condition or injury, see [Temporary Injuries guidelines](#) under the Quick Links at the [Disability Services website](#) and discuss your needs with Chris.

RELIGIOUS OBSERVANCES

Campus policy regarding religious observances requires that faculty make every effort to deal reasonably and fairly with all students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance.

See the [campus policy regarding religious observances](#) for full details.

CLASSROOM BEHAVIOR

Pathway to Space seeks to create a large lecture experience that is engaging and welcoming to all students from all majors. Given that this is an introductory class, it is important to remember that each student will have varying levels of knowledge related to each day's topic. Students, CAs, visiting guests and your course instructor each have the responsibility to maintain an appropriate learning environment. This environment is "self-governed" through the course's Prime Directives, which are posted in the classroom and each student is given a copy on the first day of class.

HONOR CODE

All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the [academic integrity policy](#) of the institution. Violations of the policy may include: plagiarism, cheating, fabrication, lying, bribery, threat, unauthorized access, clicker fraud, resubmission, and aiding academic dishonesty. All incidents of academic misconduct will be reported to the Honor Code Council (honor@colorado.edu; 303-735-2273). Students who are found responsible for violating the academic integrity policy will be subject to non-academic sanctions from the Honor Code Council as well as academic sanctions from the faculty member. Additional information regarding the academic integrity policy can be found at <http://www.colorado.edu/honorcode>.