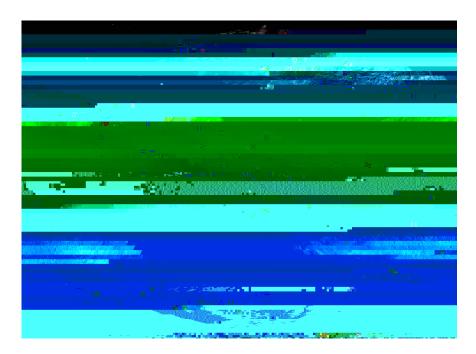
Intedicionto Astronomy 4 Cledis

Instructor - Dr. Mark Corde



Breaking news in Astronomy. In August 2020 scientists working with NASA's Dawn spacecraft amounted evidence for a slushy salt water ocean beneath the surface of the dwarf planet Ceres, which is the largest object in our solar system is a steroid belt. Surprisingly, despite its small size, Ceres does not appear to be geologically domant. There is evidence of an active surface in the curent epoch, including liquid water reaching the surface from the ocean below. These characteristics likely result from heat left over from a large impact that occurred as recently as 20 million years ago. This impact left deep fractures that are the pathways by which the water is

Notegular labsessions are scheduled during the first veek of class, or during the veek of Thanksgiving Labs in the final veek of senester will consist of telescope observing sessions and consist of the final exam

There will be a total of 11 labs. In a normal senester, lab write ups would be completed during the lab, and turned into the TA at the end of the session. However because you will only be in lab for 1.25 his this senester, write ups are to be completed at home and submitting as carned version through blackboard. Your worst lab score will be discarded, the remaining 10 scores for your lab participation and write up will contribute to your final gade. Complete lab policies are outlined in more detail in a separate document that will be available from the PH is 165 Blackboard site.

Laboratory sessions are a vital part of this course, and should not be missed Topass this course,

. Any student failing to reach this number will automatically fail

Homework will be assigned each week during the Thusday lecture, and will be due by 500 pm on Thusday of the following week

This means your completed work must be either scarred or photographed, and uploaded to Gradescope. Here is a link to a short video explaining the homework submission process in Gradescope.

https://youtube/KVPdby5g_rE

The reason the homework deadines are on Thusday is to allow both the Tuesday and Wednesday lab groups the chance to speak to the lab instructor if you need help with the homework publicus. Further, since you will already be on campus to do the lab, this is also an appartunity to use the campus network for your homework submission if you have limited armointement access from your home.

Please realize that even if you submit a conect solution to a problem, your gardern my not recognize it as conect if its poorly presented Tomaxin ize your chance of scoring well, your homeworkshould

Beneatykidout

Be largely free from cossing out and over writing

Includes one verbal description explaining the approach and least oring that you used to solve the public m

Use gammatically correct English and be well enough written that the gader can understand what you've trying to say

There will be six 20 minute quizzes during the semester and one two hour final exam The preliminary dates for these are

Q.izzes Sep 10 Sep 24 Oct 8 Oct 29 Nov 12, and Dec 3 First 11:15 am - 2:15 pm, Tuesday, December 8

Quizzes and the final examinitagain be conducted using Gradescope. I will discuss the mechanics of this with the class, to make sure it works for everyone. Quizzes will (most likely) be held at the end of the Thursday lecture, during the last 20 minutes of our negularly scheduled class time.

Orlyyour best 5 quiz sources will contribute to your final grade. Your lovest quiz source will be discarded and will make no contribution. Quizzes and the final exammake a large contribution to your final grade. I try to make these as easy as possible, and past experience has been that most sturbents performined on these tests.

The course grade will consist of the following components

Honework 24% (2% each for 12 assignments)
Best 10 out of 11 labs 30% (3% each for 10 labs)

Best 10 out of 11 labs: 30% (3% each for 10 labs)
Best 5 out of 6 quizzes: 25% (5% each for 5 quizzes)
One two hur final exam 21% (Males up 100%)



Anake upquiz vill be offered if a student misses a quiz due to illness, clash vith another UAF commitment, or a genuine emergency. Determination of whether circumstances justify this make up vill be at the discretion of the instructor. An unexcused absence vill lead to Opoints earned on that quiz.

Due to cool 19 restrictions, we are not currently planning to offer apportunities for sturberts to perform in personnable ups for any labs(s) that they may miss. Rather, it is bely that any make up options will be offered purely ordine.

Problemsets will generally not be accepted after the due date, without evidence of illness or genuine emergency. Students having documented dashes with other UAF commitments may pre-arrange alternate honeworks ubmission deadines with me. All decisions regarding late honework or alternate deadines will be at the discretion of the instructor.

It is the responsibility of all students to be aware of the various requirements of the class. This includes knowing what work is required, when the deadlines are, and how this work should be turned in These requirements are deadly outlined in the syllabus, and multiple remindes will be given in class. Lack of awareness of a requirement will not be regarded