

ASTR-1200-01: Stars & Galaxies (Spring 2019)Guidelines for “Homework Zero”

To receive credit for this assignment, you can either attend a telescope observing session at Sommers Bausch Observatory (SBO), or you can attend a public science lecture. Your reports are due **no later than 2 weeks after the event that you attend**, and the final date to submit any of these is Monday, April 29 (the last Monday of regular classes). Please turn in these reports to your TA in class.

Guidelines for Public Science Lecture Report:

- Most of the public events will be “Live Talks” at Fiske Planetarium (and will be announced in class), but see the online schedule at: <https://www.colorado.edu/fiske/showsevents/live-talks>
- You can also attend other scientific talks on campus, such as the APS Department’s weekly Colloquium (most Mondays at 4:00pm in the JILA Auditorium). Feel free to browse the lists of upcoming talks at: <https://www.colorado.edu/aps/events>
- Attend the talk and try to write down your initial impressions and thoughts immediately afterwards.
- Your report should be about 750 words (i.e., about 3 paragraphs, or 1–2 pages) in length, and it should discuss: a summary of what was presented, why the speaker considers it important, its relation to topics covered in our class, and your honest reactions to both the content and the overall presentation style.
- There’s no need to cite external sources in this paper, but please write professionally. For more information on writing essays for college courses, see:
CU Boulder Writing Center: <https://www.colorado.edu/pwr/writing-center>
A nice guide: http://lasp.colorado.edu/~cranmer/ASTR_1200_2019/edinburgh_writing_guide.pdf
Another useful site: <https://www.onlinecolleges.net/for-students/academic-writing-guide/>

Guidelines for SBO Observing Report:

- The calendar of observing dates will be posted online, but the initial plan is to reserve SBO on the following dates: Jan. 30, Feb. 14, Feb. 27, Mar. 4, Mar. 21, and Apr. 16.
- Be aware that observing depends on the weather, so some sessions may be cancelled. We’ll do our best to announce them in class as they happen, and to give an estimate of whether the weather will be good or bad.
- Print out several copies of the attached sheets to bring with you. You’ll only need to observe and report on **THREE** objects, but it’s good to have extra sheets on-hand.
- SBO is located behind Fiske Planetarium, south-east of C4C. It is close to the corner of Regent Drive and Kittredge Loop Drive.
- Arrive at SBO on the observing night by 8:00pm, and sign in.
- At the observatory, fill out a half-page report for three objects that you observe through the telescopes (including date, time, initial impressions, and a drawing of what you see).
- At home, use the textbook or the web to find out more about the objects you saw. *On a separate sheet of paper*, write a paragraph (for each object) explaining what the object is, and why astronomers care about such objects. Be sure to cite any references used.

ASTR-1200-01: Stars & Galaxies (Spring 2019) Telescope Observing Report

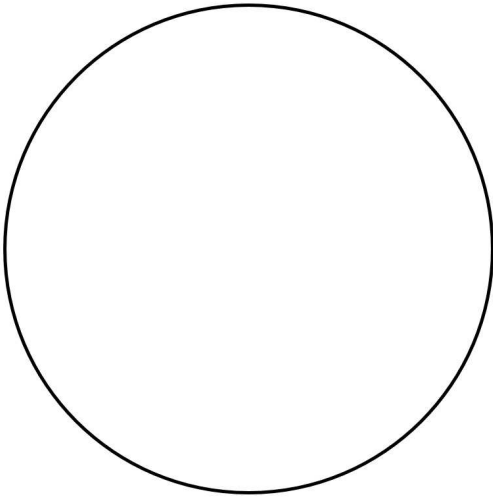
Name _____ Student # _____

OBJECT NAME:

Brief description of the observation:

DATE & TIME:

SKY CONDITION:



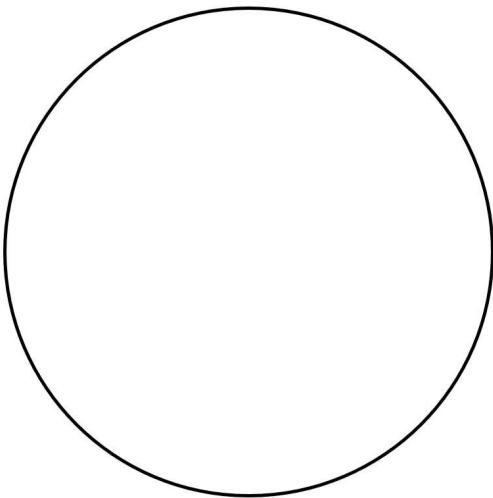
Draw view through telescope

OBJECT NAME:

Brief description of the observation:

DATE & TIME:

SKY CONDITION:



Draw view through telescope

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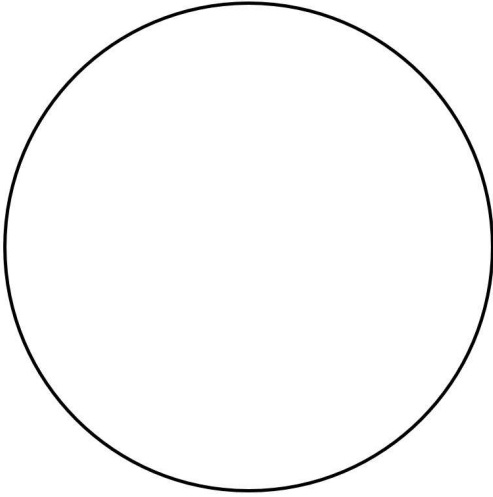
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OBJECT NAME:

Brief description of the observation:

DATE & TIME:

SKY CONDITION:



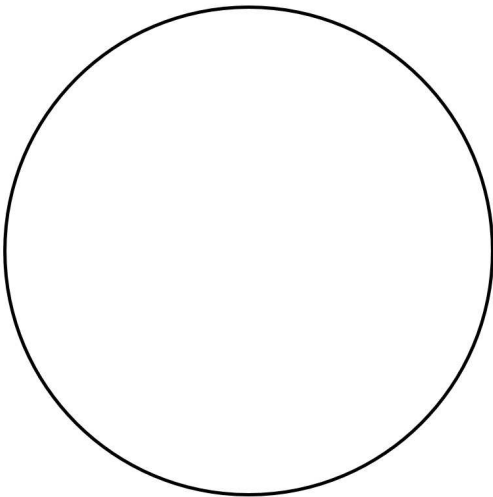
Draw view through telescope

OBJECT NAME:

Brief description of the observation:

DATE & TIME:

SKY CONDITION:



Draw view through telescope

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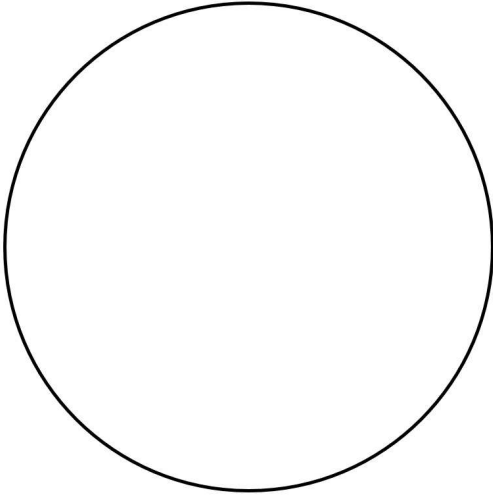
Name _____ Student # _____

OBJECT NAME:

Brief description of the observation:

DATE & TIME:

SKY CONDITION:



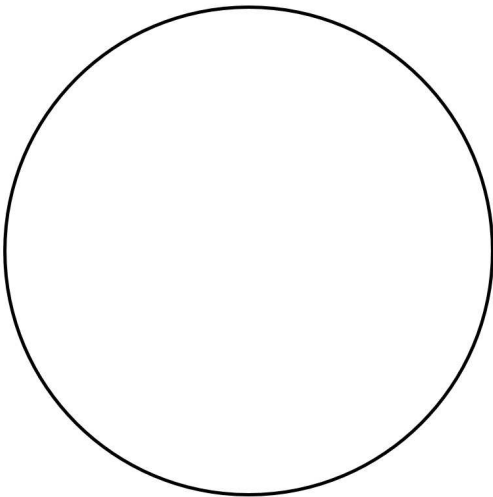
Draw view through telescope

OBJECT NAME:

Brief description of the observation:

DATE & TIME:

SKY CONDITION:



Draw view through telescope