



# Astronomy Roosevelt High School

2021-22

**Instructor:** Dan Berliner ([daniel.berliner@mpls.k12.mn.us](mailto:daniel.berliner@mpls.k12.mn.us))

Room 283

**Google Classroom:** [classroom.google.com](https://classroom.google.com)

**Teacher Page:** [http://roosevelt.mpls.k12.mn.us/berliner\\_dan\\_2](http://roosevelt.mpls.k12.mn.us/berliner_dan_2)

## Land Acknowledgement

Roosevelt High School resides on the land where the water reflects the sky: Mni Sota Makoce (Minnesota). We are occupying the ancestral land of the Dakota, Anishinaabe, and Ho-Chunk peoples. This land was taken illegally by the United States government using treaties it did not honor.

## Course Overview

Welcome to astronomy! This is a semester-long elective course that will cover several topics in astronomy. This course will help you in further understanding observational astronomy, telescopes, the Earth and Moon, the solar system, space exploration, astrophysics, stars, nebulae, galaxies, and cosmology. **The expectation is that you are taking this class because you are interested in learning about astronomy, and that you will be responsible for motivating yourself to keep up with the material. This class does not replace any of the required science credits for graduation.**

## Teacher Schedule

Period 1	Prep Hour
Period 2	CiS/IB Physics 1
Period 3	Prep Hour
Period 4	Astronomy
Period 5	Physics
Period 6	Physics
Period 7	Physics

If you have any concerns about getting supplies, please let Mr. Berliner know.

## Materials

- One dedicated folder
- Pencil(s) and pen(s)
- Chromebook or laptop computer

## Course Components

*Google Classroom:* Slides, note sheets, and links to other activities will be on Google Classroom.

*Videos and Activities:* The nature of astronomy makes it very difficult to do hands-on learning in this class. As awesome as it would be, we can't make a star in the back of the classroom. Also, our class happens during the day. This means we can't do any direct observations of astronomical stuff\*. While there will be as many activities as possible, the reality is that most of the learning will happen through notes, pictures, and videos. Please be aware of this as you plan your strategies for learning and studying in this class.

\*The sun and moon can be observed during the day, but you shouldn't look at the sun.

*Quizzes:* At the end of each learning target, there will be a quiz. You will have time in class to complete the quiz. Quizzes may be retaken.

## Grading

The grades for this class will be based entirely on quizzes and a final exam. These will be graded on an 8-point rubric, with a 2 earned for completing the minimum passing requirements, and an 8 earned for performing above and beyond the standards of the class. Keep in mind that earning a 2 out of 8 does not mean doing 2/8 of the work.

A: $\geq 87\%$	A-: $\geq 75\%$	
B+: $\geq 71\%$	B: $\geq 66\%$	B-: $\geq 63\%$
C+: $\geq 59\%$	C: $\geq 54\%$	C-: $\geq 50\%$
D+: $\geq 44\%$	D: $\geq 31\%$	D-: $\geq 25\%$
F: $< 25\%$		

## School-Wide Policies

*Passes:* Students must ask the teacher for a pass to leave the class. If they student already has a pass (such as a clinic appointment or a counselor meeting), they should inform the teacher ahead of time so that the teacher is aware when the student is leaving for that meeting. Except in extenuating circumstances, passes will not be given during the first or last ten minutes of class. Each teacher will individually keep a no-pass list for students who abuse the trust of passes. The guidelines for getting on and off the no-pass will be co-created with the class, and will subsequently be posted in the classroom.

*Electronics:* Cell phones and electronic devices must be out of sight in the classroom or instructional spaces during any scheduled classes, unless specifically being instructed to use it for an instructional activity. Students may be on phones during passing time and lunch. If a student is asked to put their phone away, they should do so immediately. Choosing not to do so will result in one of the following consequences.

- 1st and 2nd time: Hall staff is called to take the device, which will be given to the student's dean. **Student** can pick up the device from the dean at the end of the school day.
- 3rd time and beyond: Hall staff is called to take the device, which will be given to the student's dean. Student's **parent/guardian** will be called to come pick up the device at the end of the day.
- Walking out of the classroom before hall staff arrives will result in handing over the device at the beginning of the next school day. Refusal to hand over device may result in suspension.

*Academic Honesty:* Academic misconduct is defined as "purposeful or unintentional behavior that may result in a student gaining an unfair advantage." Students engaged in academic misconduct will be penalized on the assignment, may be given the opportunity to resubmit the assignment for credit, and they will be reported to their dean for disciplinary action and administration if applicable. Academic misconduct includes, but is not limited to:

- cheating on assignments or tests
- plagiarizing (misrepresenting as one's own anything done by another)
- submitting the same or substantially similar papers or creative work for more than one course without consent of all instructors concerned
- depriving another of necessary course materials
- sabotaging another's work
- colluding to support malpractice by another student
- To avoid plagiarism, words and ideas used to support one's argument **MUST** be acknowledged in all journals, papers and presentations.

In our class, you are required to use MLA citation style. Passages that are quoted verbatim must be enclosed within quotation marks and the author must be acknowledged. Electronic media (websites, etc.) must be treated the same way as books and journals, and the sources of all photographs, maps, illustrations, etc. must also be acknowledged if not your own work.

- 1st time: Item score is reduced to zero. Student may **retry** the item for **full credit** after a meeting with the teacher. Dean is informed, and will meet with the student.
- 2nd time: Item score is reduced to zero. Student may **retry** the item for **half credit** after meeting with the teacher. **Referral** is written to dean, who will **call home** and meet with the student.
- 3rd time: Item score is reduced to **zero permanently**. **Referral** is written to dean, who will **call home** and meet with the student.
- 4th time and beyond: Item score is reduced to **zero permanently**. **Referral** is written to dean, who will **call home** and meet with the student. Notice of the offenses will be **submitted to post-secondary institutions**, and the student **may be automatically assigned an F** for the class.