**Spring Semester 2021**

**Department:   Science**

**PHS SCHOOL MOTTO: Changing the Narrative and Expect the Unexpected**

**COURSE TITLE:  Astronomy**

**INSTRUCTOR (S):** Kara Harris & Sharon Hathorn

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**BLOG:** Kara Harris: [www.mysciteacher.com](http://www.mysciteacher.com)

**SCHOOL WEBSITE:** <http://www.cobbk12.org/Pebblebrook/>

**TUTORIAL / EXTRA HELP:**  Students can receive additional assistance for course content on **Thursdays from 3:45 – 4:15pm**. If these times do not work with your schedule, you may make an appointment with your teacher. In addition, you may be asked to participate in tutorials based on assessments you take in class.

**COURSE DESCRIPTION:** Astronomy is the study of the universe and objects such as stars, planets, galaxies, black holes, and other exotic objects, in addition to the nature beginning and the ultimate fate of the universe. It is an interdisciplinary science drawing on biology, chemistry, physics, computer science, and mathematics. This is an introductory course which will cover the scale of the cosmos, the sky, origins of astronomy, cycles of the moon, modern astronomy, tools of astronomy, star life cycles, stellar evolution, and cosmology.

**SUPPLEMENTAL RESOURCES:** Explorations: An Introduction to Astronomy, Glencoe, McGraw-Hill, 2017.

**Required/Supplemental/Parallel Texts for the Course**

**MATERIALS NEEDED**:

1. COMPUTER/INTERNET CONNECTION
2. Binder and paper or spiral notebook
3. Scientific Calculator (ex. TI-30)
4. Dark colored pens and pencils

**CLASS EXPECTATIONS:**

* Must turn screen on when requested and during direct instruction, tests and work session.
* Stay engaged, focused and attentive.
* Submit assignments on time and in the appropriate location. \*
* Be on time to class and wearing appropriate attire.

**ATTENDANCE AND MAKE-UP POLICY:** It is the student’s responsibility to obtain and submit any work missed work due to an absence. Portions of the class will be recorded but are not accessible to students without a conversation with teacher and/or absent note, parent contact, or other forms of documentation.

**MAKE-UP POLICY**:

Due dates will be given for assignments. Students are expected to adhere to the dates as outlined. Any missing assignments are due by the day of the unit test.

**TARDY POLICY:**

Suggested adjustment for tardy policy:

To avoid being counted tardy, students must be seated and ready for class when the bell rings or be digitally present at the beginning of the virtual session. School policy states that students may receive detention and or an administrative referral for repeated tardies.

**CELL PHONES AND ELECTRONIC DEVICES***:*

As per school policy, cell phones are not to be used during class time unless directed by the teacher for instructional purposes and if you are using it for access to CTLS platform

**GRADING SCALE:**

A - 100-90%

B - 89-80%

C - 79-74%

D – 70-73%

F - 69-Below

**GRADING POLICY**:

|  |  |  |
| --- | --- | --- |
|   | Formative | Summative |
| Cumulative Final Exam |  | 20% |
| History of Astronomy | 4% | 6% |
| Size & Scale | 4% | 6% |
| Constellations | 4% | 6% |
| Planets & Other Bodies | 4% | 6% |
| Earth and the Moon | 4% | 6% |
| The Stars | 4% | 6% |
| Galaxies and Cosmology | 4% | 6% |
| 50 Astronomical Observations | 4% | 6% |

Formative Assignments include: Class work, Homework, and Labs

Summative Assignments include: Tests and Projects

**UNIT ASSESSMENT RETEST**

Students can retake assessments. Students may re-take a unit test once, after coming to tutoring to discuss mistakes and corrections on the original unit test.

**FINAL EXAM EXEMPTION POLICY (subject to change)**

If students meet the criteria below, they may exempt up to 2 finals per semester. Policies do not apply to magnet or AP classes.

* Course grade must be 80 or higher in the requested course(s)
* No ISS / OSS for the requested semester
* No more than 3 excused absences in *any* class during the requested semester
* No unexcused absences in *any* class during the requested semester
* No unexcused tardies in *any* class during the requested semester

**LATE WORK POLICY:** Any late work will receive a highest possible grade of an 80% if turned in after the assignment is due. The student will have until the unit test to turn in late work and will receive a highest possible grade of 80%. No work will be graded after the Unit Test.

**ACADEMIC INTEGRITY:**

Cheating is considered a serious matter.  Any student who is involved in cheating/plagiarism will receive a grade of zero on the assignment, parents will be notified, and in some cases, students will receive an administrative referral*.*

For this course, cheating is defined as, but is not limited to, the following acts:

* Copying anyone's answers to questions, exercises, study guides, class work or homework assignments
* Taking any information verbatim from any source, including the Internet, without giving proper credit to the author, or rearranging the order of words and/or changing some words as written by the author and claiming the work as his or her own, i.e., plagiarism.
* Texting/emailing/contacting another student for answers during a test or quiz.
* Taking pictures and screen shots of assessments and sharing them with others.
* Having available any study notes or other test aids during a test or quiz without the teacher's permission.
* Collaborating on assignments when independent work is expected.