



Astronomy Fall 2025 Course Syllabus

Welcome & Course Description

Welcome to Astronomy, the study of the universe and all things within it! Here, we will learn about common topics and answer big questions about the universe. Is it really infinite? Are stars still being formed? What is a black hole? This course will also rely on some previous scientific concepts such as the electromagnetic spectrum and gravity. Due to the nature of Astronomy, we will use many online resources and tools such as a scientific calculator.

Classroom Rules and Expectations

1. Be on time. JCHS policy governs the consequences for tardiness.
2. Be respectful. Treat others as you would like to be treated. The classroom is to be regarded as a safe and supportive learning environment.
3. Be prepared. Review unit syllabi at least once a week to stay up to date with the course. Please have materials and assignments completed and ready to turn in.
4. Be resourceful. Please refer to materials given physically and on Schoology.

Accommodations & Technology

- Course accommodations may be requested through email or a scheduled meeting.
- Phones must be set to silent or turned off and away unless instructed.
- Madison City Schools provided laptops should:
 - Not be hard-wired to the network or have print capabilities
 - Not be used with discs, flash drives, jump drives, or other USB devices

★ *Neither the teacher, nor the school is responsible for broken, stolen, or lost laptops. Devices will be used at teacher's discretion. Students are responsible for maintaining laptop charge.*

Grading Policy

- Test and project are 70% and daily classwork grades are 30%
- Grading Scale: A (90-100%), B (80-89), C (70-79), D (65-69), and F (below 65)
- The final exam counts for 20% of the final grade

Absences & Assignments

- Missing assignments will be a 0 until submitted. Late work will see 5 points off daily.
- ***Makeup or re-trying tests will need to be scheduled during Refuel.***

Course Materials

- ☐ 1 inch binder
- ☐ 6 tab binder dividers (Unit 1, Unit 2, etc.)
- ☐ Writing utensils & tools (pens, pencils, erasers, lead, etc.)
- ☐ Highlighters (preferably different colors)
- ☐ Scientific calculator
- ☐ Madison City Schools supplied laptop and charger

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Teacher: Ms. Dubyk
Room: B212
Email: kmdubyk@madisoncity.k12.al.us

18 Week Plan (Additions, deletions or substitutions may become necessary over the course.)

<i>Week 1</i>	Intro and Safety
<i>Week 2</i>	Units, Scientific Notation, Measurements
<i>Week 3</i>	Astronomy vs. Astrology
<i>Week 4</i>	Observing the Sky: How objects move and why
<i>Week 5</i>	The Solar System
<i>Week 6</i>	History of Astronomy: How did we get here?
<i>Week 7</i>	Telescopes
<i>Week 8</i>	Physics of Light & Electromagnetic Spectrum
<i>Week 9</i>	Black Body Curves
<i>Week 10</i>	Spectroscopy
<i>Week 11</i>	Stars
<i>Week 12</i>	Galaxies
<i>Week 13</i>	Cosmology
<i>Week 14</i>	Life on Earth
<i>Week 15</i>	Life on Other Planets
<i>Week 16</i>	Theoretical Physics and the Universe
<i>Week 17</i>	The Future of Space Exploration
<i>Week 18</i>	Course Review

Please sign below and submit with a signed copy of the Lab Safety Contract by Monday, August 11th. Submissions will be combined and given an introductory test/project grade. An extra copy of each has been provided for you to keep for your own reference.

We understand the information present on the 2025 Fall Astronomy Course Syllabus.

Student Signature: _____

Parent/Guardian Signature: _____

Any student allergies? _____