

The background of the slide features a vibrant aurora borealis (northern lights) display in shades of green, yellow, and orange against a dark, star-filled night sky. Below the aurora, a dark, silhouetted landscape of snow-covered hills or mountains is visible. A large, semi-transparent teal shape covers the bottom half of the image, serving as a backdrop for the text and a circular inset photo.

Physics

Heather Nilson

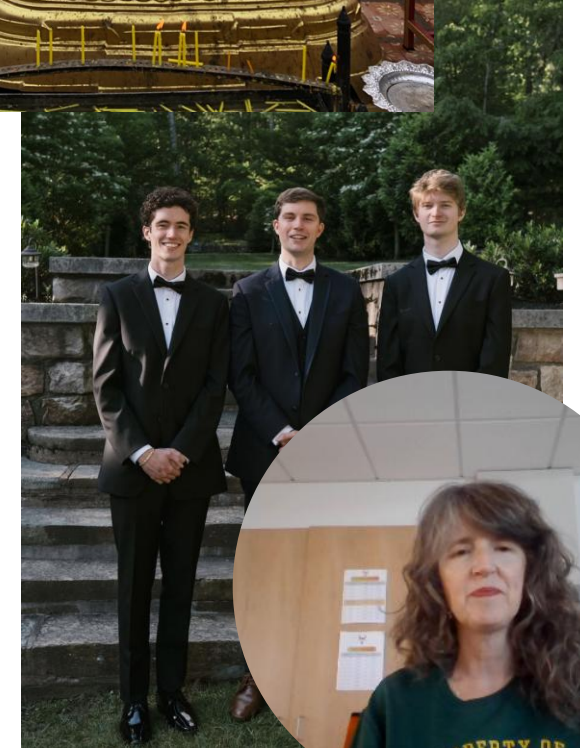


About Me

- This is my 16th year teaching and my fourth year at Innovation Academy.
I teach physics, forensics, and biology
- My alma maters:



- I have three adult sons.
- I love to travel and have taken several groups on student travel tours.
 - Galapagos Islands (2017 & 2022)
 - Japan (2023 & 2026)
 - Thailand (2024)
 - Germany & Switzerland (2025)
 - Iceland (2027)



Units of Study

Physics

Fall Semester	Spring Semester
1-D Motion	Waves/Sound
2-D Motion	Mirrors & Lenses
Forces	Electricity & Magnetism
Momentum & Collisions	Nuclear
Work, Energy, Power	





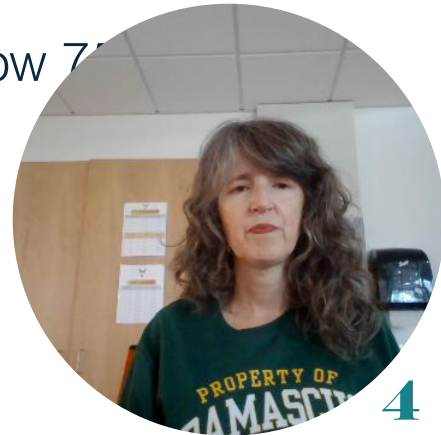
Course Grades

Major: 55% (unit tests, projects)

Minor: 35% (quizzes, labs)

Practice: 10% (daily classwork/labs, notes, homework)

Recovery is available for major assessments with scores below 75%



Class Information, Expectations, & Study Tips

We do many hands-on activities in physics, as well as a lot of practice work. Students are expected to maintain notebooks (spiral) that hold a majority of their classwork (notes, activities, labs, etc.)

Students receive stamps in their notebooks when classwork is completed on time and these stamps are counted toward their practice grades.

We also have a Canvas site (for announcements/Flex Friday assignments/help) and a OneNote notebook for class keys, PPTs, extra resources, etc.)

I recommend that students review their class notes and practice work every night for about 15-20 minutes. During this time students should write down any questions they may have so they can ask in class or during a help session.



Help Session Information

Flex Friday Tutoring Hour
8:55—10:00

I am also available on Wednesday
mornings at 8:15*

*I recommend that students check with me first as occasionally
I have morning meetings.

Contact information:

nilsonh@fultonschools.org

Classroom supplies
wish list



1. Kleenex
2. Paper Towels
3. Tape dispenser refills

