



FREEDOM
HIGH SCHOOL
SPECIALTY PROGRAMS
INFORMATION NIGHT

OCTOBER 30, 2024

CENS
(CENTER FOR ENVIRONMENTAL
AND NATURAL SCIENCES)

- The mission of CENS is to promote environmental citizenship and a sustainable community through challenging hands-on collaborative learning experiences that promote innovative thinking, problem solving, and leadership within our school and community.
- Freedom High School aims to create a sustainable society of students that embodies respect and care for the community of life and ecological integrity
- Expose students to the numerous career opportunities in Environmental and Natural Sciences



CENS GRADUATION HONORS

CENS MEDAL:

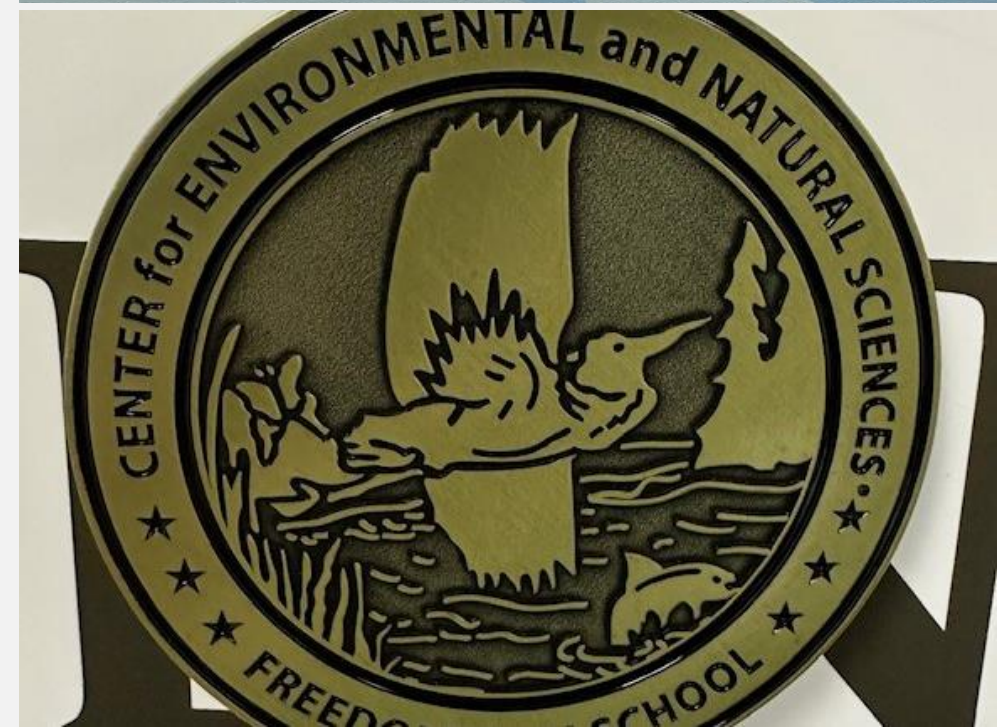
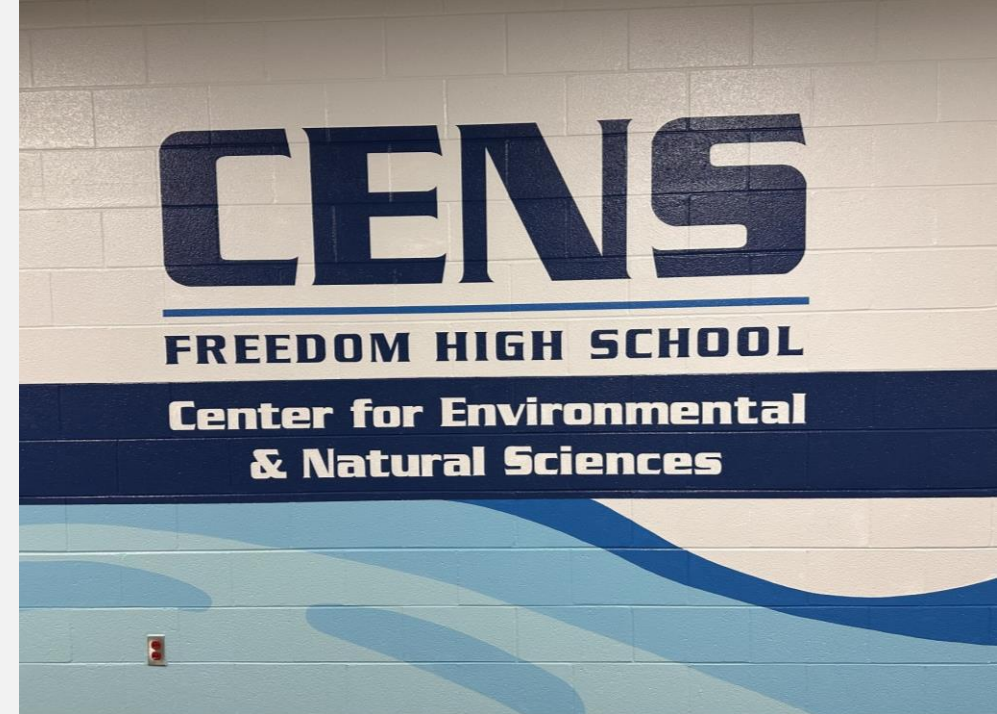
- -6 CENS Classes: Advanced Biology, Advanced Chemistry, AP Biology (or DE Biology I), AP Environmental Science (required) and 2 other CENS approved science courses
- -Participate in 1 Science Fair/Symposium/Seminar.
- -80 hours of community Service

CENS MERIT:

- -5 CENS classes: Advanced Biology, Advanced Chemistry, AP Biology (or DE Biology I), AP Environmental Science(required) and 1 more CENS approved science courses
- --60 hours of community service

*CENS students must maintain a “C” average in their core subject areas (language arts, social studies, math and science) and be enrolled in at least one CENS science class each year. The CENS classes will include Advanced Biology, Advanced Chemistry, AP Environmental Science, AP Biology and Biology II: Survey of Advanced Topics in Biology (DE).

CENS Science Electives include all AP science classes, all DE science classes, Ecology, Advanced Earth Science, Forensics, Astronomy, Oceanography, and Physics.





CENS PATHWAYS

CENS CERTIFICATE:

- 4 CENS Classes: Advanced Biology, Advanced Chemistry and 2 other CENS approved science courses
- 40 hours of community Service

CENS PATHWAY:

- 3 science courses and 1 CENS approved science course

**FREEDOM HAS A
POND, AN ON-SITE
GREENHOUSE, A
VEGETABLE GARDEN,
A HUGE AQUARIUM
AND SO MUCH
MORE!**



FREEDOM STUDENTS REDUCE, REUSE AND RECYCLE!

- SCHOOL WIDE
WASTE AUDIT
- ADOPT-A-POND
AND ADOPT-A-
SPOT WITH
PWC
COMMUNITY
PARTNERS
- WATER
CONSERVATION



FIELD TRIPS AND CAREER EXPLORATION

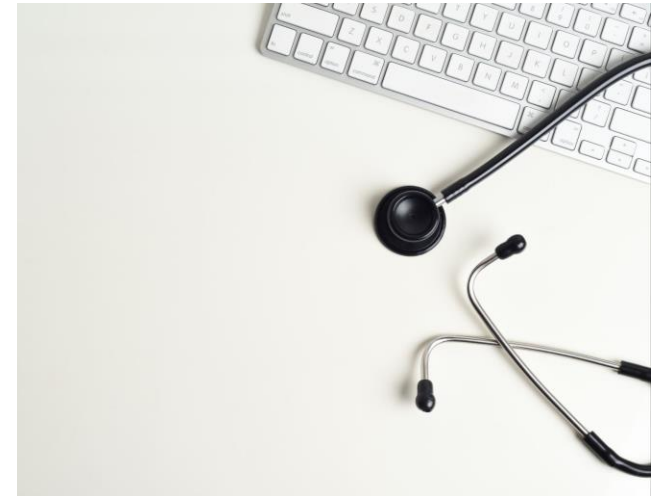


MEDICAL CODING AND BILLING

- **What is medical coding and billing?**

The process of translating information from patient records such as treatments, tests, procedures, and diagnoses into the standardized codes used to bill patients and third-party payers such as insurance companies and Medicare.

- **Requirements:** completion of Introduction to Health and Medical Sciences (9th grade) Medical Terminology (10th grade), Medical Coding and Billing I (11th grade) and Medical Coding and Billing II (12th grade)
- **Highlights:** certification possibilities (American Academy of Professional Coders, Workplace Readiness Skills for the Commonwealth Examination, Billing and Coding Specialist Certification)



MEDICAL CODING AND BILLING

- Students learn the soft skills and technical skills to excel in the health care field
- Soft skills-organizational skills, leaderships, professionalism, presentation skills, communications, collaboration, employability.
- Technical skills-health care law, medical terminology, human anatomy, patient rights, health insurance, translating diagnoses and procedure codes.
- Students could receive certification enabling job possibilities after graduation
- ***Students in specialty programs must maintain good academic and disciplinary standing



PHARMACY TECH

- Pharmacy Technicians work closely with pharmacists to ensure the health and safety of patients.
- **Highlights:** certification possibilities (Pharmacy Technician Certification Exam) and a variety of employment opportunities (retail, hospitals, nursing homes, and many more) for this in demand field.



PHARMACY
TECH
COURSE
SEQUENCE

9th Grade: Introduction to Health and Medical Sciences

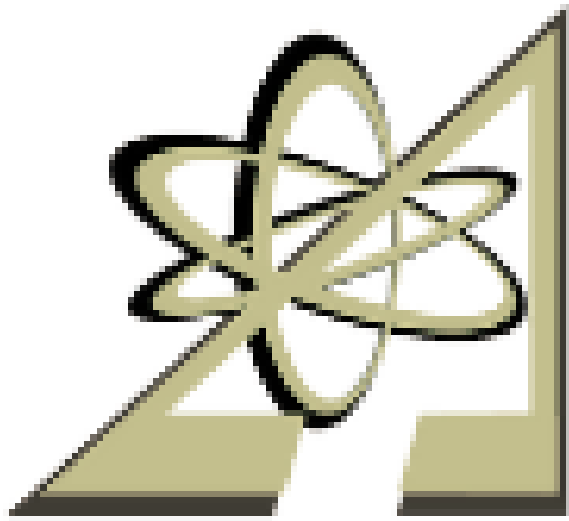
10th Grade: Medical Terminology

11th Grade: Pharmacy Tech I

12th Grade: Pharmacy Tech II (double block)*

*Requires 130 hours of on-site training to be completed outside of class time

For SY 25-26, this program is only for rising 9th graders, rising 10th graders who completed (will complete) Intro to Health and Med and rising 11th graders who completed (will complete) Intro to Health and Med and Med Terminology

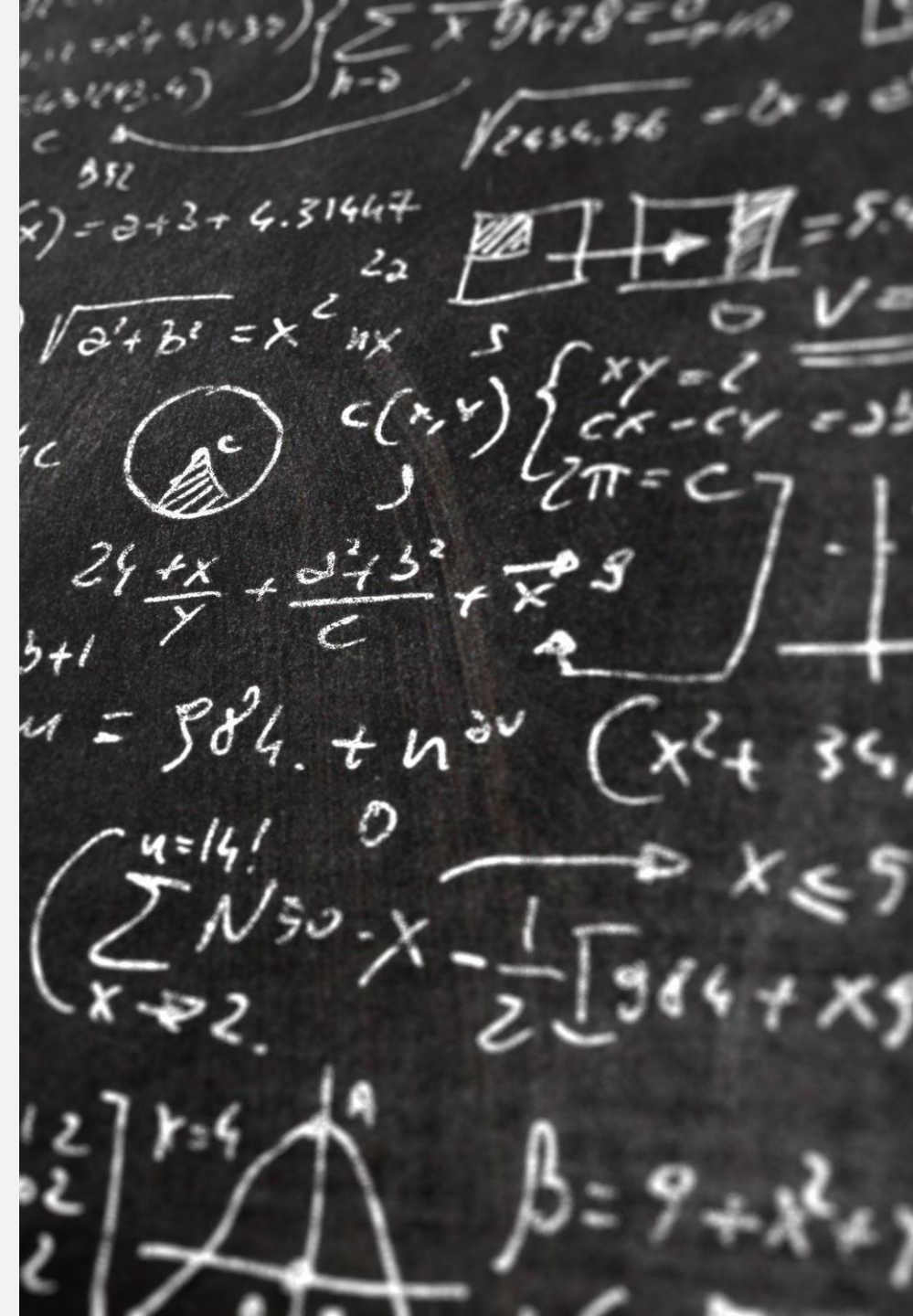


The Pre-Governor's School @ Freedom

- Only for rising 9th grade students
- Students must **currently** be enrolled in Algebra I (or higher)
- No grade below a B in Math, Science, Language Arts, and Social Studies
- Students must complete a specialty Program application and select Pre-Governor's School Program as the 1st choice
- Students must complete a 1-page essay for the application
- Student must have 2 teacher recommendations completed.
 - 1 from current math teacher and 1 from current science teacher.

KEY ELEMENTS

- ▶ Students study two math courses to complete Pre-Calculus with Trig for AB prior to 11th grade.
- ▶ Students study all three science disciplines (Biology, Chemistry, and Physics) prior to 11th grade
- ▶ Students will undergo technical writing preparation for science and research writing at GS@IP
- ▶ A dedicated counselor will support Pre-Governor's School students for four years
- ▶ A cohort of like-minded students
- ▶ Additional support and transition activities will be initiated to include GS@IP faculty



SAMPLE SCHEDULE

9th Grade Courses	10th Grade Courses
Advanced English 9**	Advanced English 10**
Advanced World History I	AP World History, AP European History, <u>or</u> World History II
Advanced Biology**	Pre-Calculus with Trig for AB**
Advanced Geometry	Advanced Chemistry
Algebra II**	Physics I**
Foreign Language*	Foreign Language*
Elective/Fine Art	Economics and Personal Finance or AP Economics
9th grade Health/ PE (Virtual)*	10th grade Health/PE (Virtual)*

****Denotes a Pre-Governors School course**

AP Capstone Seminar and/or technical writing module recommended

3 years of a single foreign language or 2 years of two separate languages is required for an advanced studies diploma

APPLICATION PROCESS NOV 1ST-FEB 1ST

- . Parents/guardians will enter the program the same way you filled out back to school information. In ParentVue, parents/guardians will need to click on the online records tab, and you will see Specialty Programs Application on the bottom of the page.
- . Students can apply for up to three programs. You will not be allowed to apply to more than three.
- . Parents/guardians must fill out acknowledgements to move to next screen
- . Parents/guardians must enter their name the same way that it is in the system..
- . Parents/guardians must identify transportation bus stops.
- . Parents/guardians must click the complete button to submit.
- . Once you submit, you will not be able to go into the original application and make any changes.
- . If you do not have a ParentVue account because you do not currently attend PWCS, you will need to click on activate account.

REQUIREMENT FOR ALL SPECIALTY PROGRAMS AT FREEDOM

- Students in specialty programs must remain in good academic and disciplinary standing

PWCS Regulation 721-2 "A transfer to another school is considered a privilege. A transfer may be rescinded for the current year or denied for the following year for any serious infraction of the "Code of Behavior," truancy or tardy issues, or failure to comply with the requirements of a specialty or career and technical education program."

- Students must adhere to VHSL eligibility policies

LINKS

- PWCS Specialty Programs Home page:

https://www.pwcs.edu/academics___programs/advanced_academics___specialty_programs/specialty_programs/index

- PWCS High School Specialty Programs

https://www.pwcs.edu/academics___programs/advanced_academics___specialty_programs/specialty_programs/high_school_programs/index

PWCS Specialty Programs Application:

https://www.pwcs.edu/academics___programs/advanced_academics___specialty_programs/specialty_programs/specialty_program_application_process

- Governor's School at Innovation Park: <https://governors.pwcs.edu/>



QUESTIONS?

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