

Physics –Syllabus

Florida Virtual School – Full Time 2022.2023 School Year

Instructor Information	Important Course Information
Instructor: Mrs. Cloran School Hours: 8:30am to 4:30pm, M-F. Call/Text: 407-513-2175 E-mail: kcloran@flvs.net	Physics Live Lessons: Monday and Wednesdays at 11AM EST <ul style="list-style-type: none">• Physics Resource Website• Individual DBA & Help Session Appointment Calendar• Group DBA Appointment Calendar

Course Materials	Course Requirement Reminders
<ul style="list-style-type: none">• Course modules accessed online in Educator (no textbook)• Calculator - any with trig functions• Binder or folder with paper or online folder	Satisfactory completion of 2DBAs is required. 1.09, 2.25 Collaboration Assignment None required for Physics.

Course Scope and Sequence
Semester 1 Module 1: Math review, lab skills practice and review of prerequisite skills Labs: Caliper Lab; Student Design Lab Module 2: Kinematics Labs: Physics 400; Motion Graphs Module 3: Newton's laws of motion, Momentum, Circular motion Labs: Conservation of Momentum (use of simulation and analysis of collision data comparing initial and final momentum) Semester 2 Module 4: Thermal and Mechanical Energy, Work and Power Labs: Conservation of Thermal Energy; Work and Power Module 5: Electrostatics and Circuits Labs: Field and Force; Ohm's law; Series and Parallel Circuits Module 6: Waves and Optics Labs: Pendulum Lab; Lens and Mirror Lab; Refraction Lab Module 7: Atomic and Nuclear Physics Labs: Half-Life

Live Lesson Schedule

Physics Live Lessons will be held on **Mondays and Wednesdays at 10 AM EST.**

Open office hours will be most **Fridays at 10AM EST.**

See class home page or the Physics Resource Website for the live lesson calendar.

The live lesson link for class will remain the same for each session. Please bookmark the link for easy access. Attending all online live lessons is strongly encouraged. In addition, live lesson recordings will be posted on the Physics Resource site.

Support

If you find that you have any trouble with course lessons, assessments or other aspects of the class, reach out to your teacher right away. Use the pace chart and look to the top of the class homepage for what is due weekly. As you will find, building rapport and effective relationships are key to becoming an effective online student. Please call, text or email me any time!

DBAs and Test Passwords

Call or set up an appointment when ready to complete your required Discussion Based Assessments (DBAs). See the Physics Resource Website for more information including a pre-DBA activity. A password will be issued at the end of the DBA to allow you access to the module test. For the first DBA in Physics, students can choose to complete either the 1.09 DBA or the 2.10 DBA.

Commitment to Integrity

Students of FVHS, you are expected to complete your classwork with integrity. Any form of academic dishonesty, including cheating and plagiarism, will be logged in your student record. In addition, a student/ parent / teacher conference call will be required to discuss consequences.

Pace Chart

Students are expected to follow our FVHS pace chart. You are encouraged to print out the pace chart for each of your classes. Students may not skip over lessons or assessments unless directed so by the teacher. Students that fall behind pace should expect to attend open office hours for support. Behind pace students will also be expected to check in regularly for a parent/ student/ teacher call.