

# AP Physics: Salem High School

## Mr. Meechan

**“Salem High School is dedicated to serving the entire community by encouraging enrollment of all students who demonstrate a willingness to rise to the challenge of rigorous, college-level Advanced Placement coursework.”**

**I understand this statement, and have read the following syllabus, knowing my expectations:**

**Student name:** \_\_\_\_\_

**Student signature:** \_\_\_\_\_

**Parent signature:** \_\_\_\_\_

### **Course Description:**

AP Physics most closely resembles the Physics B model, which focuses on the basic concepts of physics (mechanics, electricity and magnetism, thermodynamics, optics, waves, and nuclear physics). The class will put more emphasis on the problem solving approach, utilizing more mathematical induction, including algebra, trigonometry, and some calculus. The AP exam is expected to be taken in May.

**Course Pre requisite:** Algebra II / Trigonometry

### **Materials / Equipment: REQUIRED**

1. Three ring binder for AP physics only
2. Notebook

### **Evaluation / Grading**

A	100-94	Class work	10%
B	93-86	Homework	25%
C	85-78	Quizzes	10%
D	77-70	Tests	50%
E	69 and lower	Labs	5%

\*\*\*subject to revision

### **Makeup Work:**

I am responsible to deliver. The student is responsible to receive. It is the student's responsibility for missed material.

If absent:

- a. Work due is to be turned in upon arrival
- b. Work assigned is generally given ahead of time, and will still be due at a pre-arranged date.

- c. Tests/Quizzes are to be taken upon the day of arrival. It is the student's responsibility to find an acceptable time of the day  
If an absence is pre-arranged, please inform me ASAP so we can arrange work.  
\*\*\*Missed handouts will be in the back in the metal bins.

### **Objectives:**

To be able to comfortably apply physics principles to a given situation, analyze, understand and explain, both quantitatively and qualitatively. (To be one "tough" minded scientist/analyst)

### **Student Conduct / Rules**

It is expected that you are here to learn. If not, change classes. The class moves at a fast pace. There is no time for playing, and not being truly motivated and dedicated to increasing your awareness of physics. If problems arise:

1. WE work it out
  - a. Immediate discussion
  - b. Planned discussion (detention)
2. YOUR FAMILY works it out (call home)
3. ADMINISTRATION gets involved (referral)

### **Attendance policy:**

Over 15 minutes is an absence.

1<sup>st</sup> tardy: Warning

2<sup>nd</sup> tardy: Detention

3<sup>rd</sup> tardy: Referral

\*\*resets each nine weeks

4<sup>th</sup> absence: call home

7<sup>th</sup> absence: failure of semester

### **Contact Information:**

Website: [www.geocities.com/bleemeek1](http://www.geocities.com/bleemeek1)

Email: [brian.meechan@vbschools.com](mailto:brian.meechan@vbschools.com)

Salem High School Internet Site: <http://www.salemhs.vbschools.com/>

474-8484 voicemail # 77139

### **SharePoint sites**

These sites are password protected and require an account through vbschools.

Salem High School Intranet Site

<http://studentportal.vbschools.com/sites/HSL/default.aspx>

Student SharePoint sites [http://studentportal.vbschools.com/students/your\\_id\\_number](http://studentportal.vbschools.com/students/your_id_number)

\*\*students will replace the words your\_id\_number with their student numbers

### **Other useful links**

Virginia Department of Education <http://www.pen.k12.va.us/>

VA SOL's by Subject <http://www.pen.k12.va.us/VDOE/Superintendent/Sols/home.shtml>

VA DOE SOL Resources <http://www.pen.k12.va.us/VDOE/Instruction/sol.html>

ACT/SAT Review and Test Prep <http://www.testprepreview.com/>

Virginia Beach City Public Schools website <http://www.vbschools.com/index.asp>