**IB Physics 1**

Texts: *Physics* 6th edition by Douglas Giancoli

*Oxford IB Physics*

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| --- | --- | --- | --- |
| Day | Block | In Class : | Due on this class: |
| **M** | **1**  **Feb**  **8** | **DI**-How this class works  -Course Policy  -Video Flips  -Summative Assessments  -Labs |  |
| **T** | **2**  **Feb**  **9** | **GW**-Work on Uncertainty Sheet P1.1 #1-3  **IW**-FA1.1 | **VF 1B, 1C, 1D, 1E**  Read Oxford 1.2: pp. 8-16 |
| **Th** | **3**  **Feb**  **11** | **SA1.1** – (Due Tues 10 am)  **IW**-Course Policy Quiz  **DI**-Vector Velocity and Acceleration | **VF 1A, 2A, 2B**  Turn In **FA1.1/P1.1 #1-3**  Read Oxford 1.2: pp. 1-7 |
| **F** | **4**  **Feb**  **12** | **GW**-Work on Kinematics P2.3 #1-10, 21,23  **IW-**Speed Trap Lab | **VF 2C, 2D**  Read Oxford 2.1: pp 18-38 |
| **M** | **\*** Feb **15** | President’s Day – no school |  |
| **T** | **5**  **Feb**  **16** | **GW**-Work on Kinematics  **SA2.3** – Basic Kinematics (due Thurs 10am)  **DI**-Moving Plots Lab | **VF 2H**  Turn in **Course Policy Quiz -10am**  Turn in **FA2.3/P2.3 #1-10, 21,23** |
| **Th** | **6**  **Feb**  **18** | **GW**-Graphs of Motion  **GW**-Free Fall Problems P2.4 #1,2,5,6,8,10 | **VF 2F, 2G**  Read Oxford 2.1: pp. 39-41  Turn in **Speed Trap Lab** |
| **F** | **7**  **Feb**  **19** | **IW**-Moving Plots Lab | **VF 2F1**  Read Oxford 1.2: p 17 |
| **M** | **8**  **Feb**  **22** | **SA2.4** – Free Fall Problems (due Tues 10am) | **VF 3A, 3B**  Turn in **FA2.4/P2.4 #1,2,5,6,8,10**  Turn in **Graphs of Motion** |
| **T** | **1**  **Feb**  **23** | Projectile Motion and Vectors | **VF 3C, 3D, 3E** |
| **Th** | **2**  **Feb**  **25** |  | Turn in **Moving Plots Lab** |

Key:

* **SA** – Summative Assessment. (A short test with 5 questions typically)
* **FA** – Formative Assessment. (A practice test you take before the test. Very much like the test. Be sure to grade it and correct it. Write the score or “graded” on the top so I know you graded it)
* **VF** – Video Flip. (Watch the videos, take notes, try some of the example problems, and then use your notes to take the short quiz at the end. These are due without exception at 10am on the day they are due. (i.e. before class))
* **DI** – Direct Instruction. (I will talk in class. A Lecture. Hopefully witty and informative.)
* **GW** – Group Work. (You work in your breakout rooms together. You turn your camera on, unmute your mic, and talk to each other as you are working through your problems)
* **IW** – Individual Work. (Do this by yourself. All SAs are IW of course, your FAs should be IW)