**Physics G**

Chapter 7 Syllabus

Gravity and Circular Motion

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| A/B | In Class  | Due on this class  |
| 1Jan 17/18 | **DI**-Barrel of Bricks**GW**-Plate Lab**GW**-Circular Motion Quizlette (7.1) | **VF 7A Centripetal Acceleration****VF 7B Centripetal Force**Turn in Plate Lab |
| 2Jan22/23 | **GW**-Circular Motion Quizlette**GW**-FA7.1 - Circular Motion | Turn in QL 7.1 – Circular motion |
| 3Jan24/25 | **SA7.1-Circular Motion (first 30)****VF**-7C Vertical Circle**DI**-Vertical Circle Demos | Turn in FA 7.1 |
|  | Finals - See Website for Study Info |
| 4Feb5/6 | **GW**-Vertical Circle Quizlette (7.2) | **VF 7C Vertical Circle** |
| 5Feb7/8 | **GW**-Vertical Circle QL**GW**-FA7.2 | Turn in QL7.2 – Vertical Circle |
| 6Feb11/12 | **SA7.2-Vertical Circle (first 30)****VF**-7D 7E - Gravity and Fundamental Forces**GW**-Gravity Questions | Turn in FA7.2 |
| 7Feb13/14 | **GW**-Gravity and Orbit QL**GW**-Orbit Lab**GW**-FA7.3 | **VF 7F Orbit Problems** |
| 8Feb 15/19 | **GW**-Gravity and Orbit QL**GW**-Orbit Lab**GW**-FA7.3 | **VF 7G Kepler's Laws****VF 7H Banked Corners**Turn in Orbit LabTurn in QL 7.3 – Orbit and Gravity |
| 9Feb21/22 | **SA7.3-Orbit and Gravity (first 30)****VF**-5A Calculating Work**DI** – Calculating Power (5B) | Turn in FA7.3 |
| 1Feb25/26 | **JAMBALAYA!! (or power and work)** | **VF 5C Jambalaya** |

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| Assignments:* 2 Labs:
	+ *Plate Lab –* In class marble and plate thingy
	+ *Orbit lab* – (Simulation on computer) /25 pts
* 3 Quizlettes/Formative/Summative Assessments:
	+ 7.1 - Circular Motion
	+ 7.2 - Gravity and Vertical Circle
	+ 7.3 - Orbit
 | Handouts:  |