IB Physics

Chapter 8 Syllabus

Angular Mechanics

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| A/B | In Class: | Due on this class: |
| 1  Feb  11/12 | DI-Introduction/Demos  GW-Kinematics | **VF 8ABC, 8D, 8E**  Turn in: Angular Quantities 8.0 |
| 2  Feb  13/14 | **SA8.1-Angular Kinematics (first 30)**  VF-8F-Torque, 8G-Moment of Inertia  DI-Torque and Moment of Inertia Demos | Turn in: FA8.1 |
| 3  Feb  15/19 | GW-8.2 Angular Dynamics  GW-FA8.2 |  |
| 4  Feb  21/22 | **SA8.2-Angular Dynamics (first 30)**  VF-8I Rolling Dynamics  DI-Rolling Dynamics Demo/Example | Turn in: FA8.2 |
| 4 3/4  Feb  25/26 |  Oaks Testing | **VF 8J, 8K 8L** |
| 5  Feb  27/28 | GW-Energy and Momentum 8.3  DI-Demos | **VF 8M, 8NOP** |
| 6  Mar  1/4 | **SA8.3-Energy and Momentum (first 30)**  VF-8Q, 8R  DI-Cross Product/Precession | Turn in: FA8.3 |
| 7  Mar  5/6 | DI-Gyroscopes  GW-Gyroscope Investigation | **VF 8Q, 8R** |
| Mar  7/8 | **Statics!!!!** | **VF 9A, 9B, 9C**  Turn in: Gyroscope Investigation |

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| 1 Lab:   * Gyroscope Investigation   3 Formative/Summative Assessments   * 8.1 – Rotational Kinematics * 8.2 – Rotational Dynamics * 8.3 – Rotational Energy and Momentum | Handouts: |