Phys 3344: Tuesday 17 November

Office Hours: Wed 5:00-6:00

Grades:

Final Hw12: Due Wed 02 December

ON EXAM:  key and recording

CH: 15 Relativity

# 2020 FALL PHYS 3344

| # | DAY | LECTURE: | NOTES: | Chpt | TOPIC |
|---|---|---|---|---|---|
| 1 | TUE | 08/25/20 | First Class | 1 | Newtons Laws |
| 2 | THUR | 08/27/20 | | 2 | Projectiles |
| 3 | TUE | 09/01/20 | | 3 | Momentum & Angular Momentum |
| 4 | THUR | 09/03/20 | | 4 | Energy |
| 5 | TUE | 09/08/20 | | 5 | Oscillations |
| 6 | THUR | 09/10/20 | | | |
| 7 | TUE | 09/15/20 | | | |
| 8 | THUR | 09/17/20 | | | **EXAM 1** |
| 9 | TUE | 09/22/20 | | 6 | Calculus of Variations |
| 10 | THUR | 09/24/20 | | 7 | Lagrange's Equation |
| 11 | TUE | 09/29/20 | | | |
| 12 | THUR | 10/01/20 | | 8 | Two Body Problems |
| 13 | TUE | 10/06/20 | | | |
| 14 | THUR | 10/08/20 | | 9 | Non-Inertial Frames |
| | TUE | 10/13/20 | ~~Fall Break~~ | 10 | Rotational Motion |
| 15 | THUR | 10/15/20 | | | **EXAM 2** |
| 16 | TUE | 10/20/20 | | 10 | Rotational Motion |
| 17 | THUR | 10/22/20 | | 11 | Coupled Oscillations |
| 18 | TUE | 10/27/20 | | | |
| 19 | THUR | 10/29/20 | | 13 | Hamiltonian Mechanics |
| 20 | TUE | 11/03/20 | | | |
| 21 | THUR | 11/05/20 | Drop Date | 14 | Collision Theory |
| 22 | TUE | 11/10/20 | | | |
| 23 | THUR | 11/12/20 | | | **EXAM 3** |
| 24 | TUE | 11/17/20 | | 15 | Special relativity |
| 25 | THUR | 11/19/20 | | | |
| 26 | TUE | 11/24/20 | | | |
| 27 | THUR | 11/26/20 | **Thanksgiving** | | No Class |
| 28 | TUE | 12/01/20 | | | No Class |
| 29 | THUR | 12/03/20 | **Last Class** | | Review |
| | WED | **Dec 16** | **FINAL EXAM** | **Wednesday Dec. 16,2020, 11:30am - 2:30** | |