

All the assignments on this sheet refer to the text: Halliday, Resnick and Walker Fundamentals of Physics 6th Edition. There is also a supplemental assignment book (a green paper bound text) which will also be called upon from time to time but will be used for in class assignments. All odd numbered assignments have the answers posted in the back of the book. You are encouraged to strike out on your own and attempt additional problems as practice. The queries in the back are broken into two main categories: Questions and Exercises & Problems. The Questions are designed to get you thinking about the chapter's topic in a conceptual way. The Exercises & Problems give you practice in solving quantitative puzzles. Exercise (E) questions are intended to be simple applications of the formulas presented in the text. Problems (P) will involve drawing on additional skills from other units or from your own resourcefulness.

HW #	Title		pp	Assignment
1.	Ch 1.	Measurement	8	1E, 5E, 10E, 17P, 18P
2.	Ch 2.	1D Kinematics	27	2E, 7P, 11E, 12P, 13P
3.	Ch 2.	1D Kinematics	27	16E, 20P, 33P, 44E, 53P
4.	Ch 3.	Vectors	45	2P, 7P, 11E, 16E, 18P, 29E, 34P, 36P
5.	Ch 4.	nD Kinematics	67	2E, 7P, 9E, 11E, 17E, 22E, 26P, 28P, 33P
6.	Ch 4.	nD Kinematics	67	43E, 47P, 51P, 55P, 57E, 58E
7.	Ch 5.	Forces I	93	2E, 7P, 9E, 13E, 16E, 23E, 28P
8.	Ch 5.	Forces I	93	31P, 34P, 38P, 43P, 47P, 50P
9.	Ch 6.	Forces II	112	7E, 13P, 14P, 18P, 29P
10.	Ch 6.	Forces II	112	37E, 41P, 43P, 47P, 4E, 32E, 48P*
11.	Ch 7.	Kin. Energy & Work	136	2E, 5P, 7E, 11P, 15E, 21E
12.	Ch 7.	Kin. Energy & Work	136	22P, 24E, 25E, 26P, 31E, 32E
13.	Ch 8.	Pot. Energy & C.F.	160	3E, 4E, 6P, 13E, 20P, 24P
14.	Ch 8.	Pot. Energy & C.F.	160	26P, 23P, 29P, 35P
15.	Ch 9.	Systems of Particles	188	1E, 5E, 11E 15P, 19P
16.	Ch 9.	Systems of Particles	188	30E, 32E, 35P, 43E, 47P
17.	Ch 10.	Collisions	209	8P, 14P, 25P, 30P, 34P
18.	Ch 11.	Rotation	239	5E, 25P, 36E, 53P, 55P, 69
19.	Ch 12.	Rolling Torque	268	4E, 9P, 11P, 14P, 25E, 30E, 45P, 52P
20.	Ch 14.	Gravity	316	t.b.a.
21.	Ch 16.	Oscillations	365	9E, 14P, 28P, 36E, 47E, 58P
22.	Ch 22.	Electric Charge	518	4E, 8P, 15P, 17P, 27P
23.	Ch 23.	Electric Fields	539	8P, 10P, 26E, 35E, 38P
24.	Ch 24.	Gauss' Law	559	6E, 9P, 13E, 19P, 23P, 29P, 31P, 48
25.	Ch 25.	Potential	584	2, 3, 7, 8, 31, 33, 57
26.	Ch 26.	Capacitance	608	1, 2, 3, 7, 10, 15, 24, 27, 48
27.	Ch 27.	Resistance	630	2, 5, 6, 7, 14, 33, 38, 44
28.	Ch 28.	Circuits	653	4, 7, 20, 21, 28, 45, 48, 52
29.	Ch 29.	Magnetic Fields	682	1, 2, 4, 6, 9, 12, 33, 35
30.	Ch 30.	Mag. Fld. From i	705	3, 7, 9, 28, 30, 40, 41
31.	Ch 31.	Induction	738	1, 3, 8, 17, 27, 47, 54, 57