

Here are the various topics we will cover this year in order. If you are away from class for an extended period of time or require more review, here is what you need to do.

Unit	Topic	Reading	Questions There are many Practice Problems and questions at the end of each chapter and unit that have not been listed below, but make good review.
Momentum	Momentum	448-453	P 453: 7, 8, 9, 13, 15
	Impulse	454-466	P 467: 7, 8, 9, 10, 11
	1-D Collisions	468-485	P 477: 1, 2; P 486: 2, 6, 7, 8, 9, 10, 11
	2-D Collisions	487-498	P 492: 1, 2; P 494: 1, 2; P499: 5, 6, 7, 8, 9, 10
	Unit Review		P 503: 18, 24, 32, 40, 43, 44, 45, 48, 50, 53, 59, 61, 64, 69
Forces & Fields	Static Electricity	512-522	P523: 5, 6, 7
	Coulomb's Law	524-537	P 533: 1, 2; P 538: 5, 6, 7, 8
	Chapter Review		P 540: 12, 13, 22, 23, 25
	Electric Fields	542-553	P 549: 1, 2; P 550: 1, 2; P 553: 6, 7, 8, 9, 10
	Electric Field Lines & Energy	554-568	P 561: 1, 2; P 569: 4, 5, 6, 7, 8, 9, 10, 12
	Electrical Interactions	570-575	P 573: 1, 2; P 574: 1, 2; P 575: 3, 4, 5, 6, 7, 8, 10, 11
	Chapter Review		P 578: 15, 17, 19, 20, 21, 23, 27
	Magnetic Forces & Fields	582-591	P 592: 9, 10, 11, 12,
	Moving Charges & Magnetic Fields	593-601	P 600: 1, 2; P 601: 5, 6, 7, 8, 9
	Conductors & Magnetic Fields	602-612	P 605: 1, 2; P 613: 8, 9, 11
	Magnetic Fields & Technology	614-619	
	Chapter Review		P 622: 15, 16, 20, 22, 24, 26,
	Unit Review		P 626: 16, 25, 29, 36, 39, 41, 42, 50, 55, 58, 59, 60, 61, 62
Electromagnetic Radiation	EMR spectrum	636-646	P 647: 8, 9, 10, 13
	Speed of EMR	648-651	P 652: 3, 4, 5, 6,
	Reflection	653-665	P 664: 1, 2, 4; P 665: 8, 9,
	Refraction & lenses	666-681	P 668: 1, 2, 3; P 673: 1; P 681: 1, 2; P 683: 9, 10, 12, 14, 16, 17
	Diffraction & Interference	684-696	P 689: 1, 2; P 691: 1, 2; P 697: 3, 4, 6, 7, 8, 10, 13

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	Chapter Review		P 699: 12, 14, 19, 20, 22, 23, 26, 33, 35, 38, 40
	Particle-Wave Duality	702-709	P 707: 1, 2; P 710: 2, 3, 5
	Photoelectric effect	711-720	P 716: 1, 2; P 719: 1, 2; P 720: 2, 4, 6, 8, 9, 10
	Compton Effect	721-725	P 725: 2, 3, 6, 7
	Matter Waves	727-733 & 737-740	P 736: 5, 6
	Chapter Review		P 742: 6, 7, 8, 9, 11, 13, 15, 16, 18, 20
	Unit Review		P 746: 26, 30, 32, 37, 40, 43, 46, 48, 49, 50, 52, 55, 56, 57, 63, 74
Atomic Physics	Electron Discovery & Atomic Structure	754-759	P 756: 1, 2; P 760: 3, 4, 5, 6, 8, 9
	Quantization of Charge	761-764	P 764: 1, 2; P 765: 4, 5, 6, 7
	Discovery of Nucleus	766-769	P 770: 4, 5, 7
	Bohr Model	771-776 & 779	P 780: 6, 8, 11
	Quantum Model of Atom	782-783	
	Chapter Review		P 786: 3, 4, 15, 21, 24,
	Structure of Nucleus	790-796	P 791: 1, 2; P 796: 1, 3, 4, 7, 10
	Radioactive Decay	797-809	P 801: 1, 2, 3; P 803: 1 (top), 1 (mid); P 805: 1; P 810: 3, 5, 8, 12
	Radioactive Decay	811-816	P 813: 1, 2; P 814: 1, 2; P 817: 4, 6, 7, 8
	Fission & Fusion	818-823	P 819: 1, 2, 3; P 824: 1, 5, 6, 9
	Chapter Review		P 826: 14, 25, 26, 28
	Particle Detectors	830-835	P 839: 6, 8
	Particles & Accelerators	840-844	
	Standard Model	845-849	
	Chapter Review		P 851: 16, 17, 18
	Unit Review		P 856: 4, 10, 14, 16, 17, 18, 28, 29, 30, 34, 35, 39, 40, 56, 61