• Syllabus
• Students with disabilities, medically excused absences, absences in general
• Official University Calendar
• Homework Assignments
  Q=Question, P=Problem, X=Extra problem (not for credit, but for practice)
  o Ch21 - Q: 3, 4, 10; P: 2, 6, 11, 13, 19, 23, 57; X: 7, 12, 33, 41.
  o Ch22 - Q: 3g, 4, 5, 10, 11; P: 7, 9, 22, 24, 39; X: 33.
  o Ch23 - Q: 2, 6, 8, 9; P: 5, 7, 12, 20, 34, 44, 49; X: 40, 48, 50, 73.
  o Ch24 - Q: 1, 2, 3, 4, 9, 10; P: 1, 4, 11, 13, 15, 19, 24, 28, 37, 43, 62; X: 8, 27, 35.
  o Ch25 - Q: 2, 7, 8, 9, 10; P: 4, 6, 14, 19, 25, 32, 33, 37, 50; X: 26, 27, 34, 39.
  o Ch26 - Q: 3, 6; P: 2, 16, 25, 28, Solve the "Chocolate Crumb Mystery": Ch23-P60, Ch24-P70, Ch25-P60, Ch26-P60.
  o Ch27 - Q: 3, 5, 7, 9, 11; XQ: 6, 8; P:15, 17, 19, 20, 22, 30, 63; X: 33, 35.
  o Ch28 - Q: 1, 3, 4, 7, 11; P: 2, 14, 17, 42, 58; X: 22.
  o Ch29 - Q: 1, 2, 3, 4, 5; XQ: 6; P: 4, 5, 20, 23, 29, 43, 53; X: 77, 87.
  o Ch30 - Q: 1, 3, 4, 5, 7, 9, 10; P: 2, 8, 19, 26b), 29, 34, 37, 54; X: 26a), 95.
  o Ch31 - Q: 1, 3, 7, 9, 10, 11, 12; P: 1, 15, 29, 30, 44, 45, 56; X: 87.
  o Ch32 - Q: 1, 2, 9; P: 5, 9, 13, 56.
  o Ch33 - Q: 1, 3, 4, 7, 9; P: 8, 11, 20, 32, 39, 48, 58, 93; X: 29, Can the electromagnetic fields from transmission lines cause cancer? How about fields from mobile phones?
  o Ch34 - Q: 1, 2, 4, 5, 6, 8, 9, 10; XQ: 7; P: 7, 41, 43, 45, 106; X: 101, 111, 112, In William Golding's *Lord of the Flies* the character Piggy uses his glasses to focus the sun's rays and kindle a fire. Later, the boys abuse Piggy and break his glasses. He is unable to identify them even at close range because he is nearsighted. Find the flaw in this narrative. It is still possible to start a fire with Piggy's (unbroken) glasses; how could this have been done?
  o Ch35 - Q: 1, 2, 4, 7, 8, 9, 10, 11, 12; P: 6, 14, 23, 35, 80, 100.
  o Ch36 - Q: 1, 5, 6, 7, 8, 9, 10, 11; XQ: 12; P: 1, 4, 22, 25, 45, 64; X: 16, 77.

• Homework Solutions
  Try this link to a [java lens simulator](#)
• C-ship - explore special relativity through starship flight simulation.
• Relativity Links: Sites, movies, and literature.
• Mechanical Universe