

ENERGY TEST SUMMARY

What to know about this chapter. Simple. Everything! Having said that, my best guess at this point in time as to what I'm likely to ask you about on the test follows. This list may not be complete, but it should be very close.

--multiple choice questions (as usual);

--skills (what is a dot product and how does it work; determine a work quantity using $F \cdot d$; determine a work quantity using $-\Delta$ (potential energy function); determine the gravitational potential energy of a body close to the surface of the earth; determine the spring potential energy of a body jammed up against a spring, etc.)

--long answer problems (incline problem; pendulum problem; ice dome problem; roller coaster problem; Atwood machine problem; loop-the-loop problem; and any of the above *with jello*)