

Self-study materials to cover for the last lecture / Lecture 7:

Book chapters 16.9-11:

<https://openstax.org/books/college-physics/pages/16-9-waves>

<https://openstax.org/books/college-physics/pages/16-10-superposition-and-interference>

<https://openstax.org/books/college-physics/pages/16-11-energy-in-waves-intensity>

Review materials from Khan Academy (choose the parts that correspond to course contents):

[Thermodynamics](#)

[Thermodynamics](#) (overlapping, includes also more advanced themes)

[Work and energy](#)

[Electric charge, field and potential](#)

[Ohm's law and circuits with resistors](#)

[Circuits](#) (partially overlapping the topic above)

[Simple harmonic motion and rotational motion](#)

[Oscillations and mechanical waves](#) (partially overlapping the topic above)