In Physics 110 you learned about space and time in relativity. Now we turn to things like momentum and energy in relativity.

Reading: My handouts *Space and Time in Special Relativity* and *Notes on Relativistic Dynamics* closely follow the lectures. (Big surprise.) For different approaches, browse in any of the books on reserve.

Problems: Due Wednesday, 6 September.

1. “Notes on Relativistic Dynamics” problem 1.5: *Interval*  
2. “Notes on Relativistic Dynamics” problem 1.8: *Galactic journey*  
3. “Notes on Relativistic Dynamics” problem 1.9: *Flushing out an error*  
4. “Space and Time in Special Relativity” problem 3: *Pole in the barn*