

Date, time, place Monday May 4, 2009, 12:00 – 2:00, Faraday West 227.

- Do bring
 - Pencils (or pens)
 - Four standard $8\frac{1}{2} \times 11$ sheets of paper with anything you want *in your own original handwriting*. You may use the front and back of each sheet. **No photocopying or other machine-assisted copying allowed!** You will turn in these sheets with your test. Write as small as you want, but if you write smaller than you normally would, you are probably overdoing it.
- No need to bring (and not to be used)
 - Books, blank paper, calculators or other electronic devices of any kind, notes other than described above
- Provided for you
 - Blue book
 - extra paper
 - A general formula sheet (the same one as on the NIU PhD candidacy exam):
<http://www.physics.niu.edu/physics/academic/grad/phd/formulas2.pdf>
 - stapler
- What to study
 - Topics, concepts and techniques covered in class and/or the homework, with a very strong emphasis on material from the second half of the course, namely pages 57–126 of the lecture notes and homework sets 6–10. You should start by studying homework problems, and the concepts and formulas that they involve. The material on propagators and path integrals will be covered by a multiple choice question or two.