

613

Spring 2014

Information about you Your background, goals, and schedule

Name:

The field in which you expect to do your research:

When did you enter Rutgers graduate school, and from where?

For each of these topics, please tell me the level of the last course you took, where, and what book was used

- Math methods (like 464/511):
- Classical Mech
- Quantum Mech
- E&M
- Quantum Field Theory
- Particle Physics
- Group theory, Adv. Alg
- other relevant courses?

Which other courses are you taking now? What other time constraints do you have:

Have you seen these topics covered?

Lagrangian mechanics for continuous fields

Noether's theory, symmetries and conserved quantities

Time dependent perturbation theory

Scattering theory

Optical theorem

Four dimensional relativistic notation

Representations of the Lorentz group

Over

Your schedule:

Day Period		Mon	Tues	Wed	Thurs	Fri
		8 AM				
9 AM	1 1*					
10 AM						
11 AM	2 2*					
noon						
1 PM	3 3*					
2 PM	4 4*					
3 PM						
4 PM	5 5*					
5 PM						
6 PM	6 6*					