Graduate Group In Applied Science and Technology
Preliminary Examination Proposal
Exam: November 3, 2006, 3-4 PM

Name of Student: Oski Bear
Date/Time: November 3rd, 3-4pm
Location: 476 Cory Hall
Major Area: EUV and X-ray Optics
Minor Area: Physics

Committee:
Professor W (Research Advisor)
Professor X (Chair)
Professor Y (AS&T Committee)
Professor Z (AS&T Committee)

Area of Examination:
Electricity and Magnetism
Optics
Quantum Mechanics

Graduate Courses:
Taken or currently taking:
  Physics 221A: Quantum Mechanics
  EE 213: EUV and Soft X-ray radiation
  EE 126: Random processes
  EE 290F: Fourier Optics
  Physics 209: E&M
  BioE 164: Optics and Microscopy
Future courses:
  Physics 211: Statistical Mechanics
  EE221A: Linear Systems Theory
  Physics 111: Advanced Laboratory
  Physics 138: Atomic Physics
  Physics 141B: Solid State Physics

Undergraduate Courses:
Classical Mechanics, E&M, Quantum Mechanics, Fluid Mechanics, Solid State Physics,
Device Physics, Microfabrication Laboratory, Thermodynamics, Mechatronics Laboratory,
Signals and Systems, Real and Complex Analysis, Linear Algebra

Professor W, Research Advisor
Head Graduate Advisor