Name/ID: _________________________________

Mechanical Engineering (ME) PhD

General POS requirements
Graduate Advisory Committee-
   - Major Professor-head of committee
   - Graduate Division Representative-out of department rep
   - other committee members-min. 3 additional member for PhD for a total of 5

- 80 total credits beyond BS degree
- 50 credits of coursework beyond BS

Emphasis:
   _____ Thermal Science
   _____ Solid Mechanics
   _____ Controls/ Robotics
   _____ Other/ Combination (Please Specify): ______________________________________________________

Required courses
Required courses, all students:
   _____ ME 673 Applied Engineering Analysis I
   _____ ME 773 Applied Engineering Analysis II

If entering with a B.S.: (In addition to the above required courses)
12 hours minor credit requirements (if applicable)
30 hours of dissertation credits
32 hours of coursework determined by area of emphasis

If entering with an M.S.: Students will design their program of study in accordance with their graduate committee input.

Coursework: Choose 32 Credits from Below (Or Equivalent Courses As Deemed Appropriate by Major Advisor):

   _____ ME 612 Transport Phenomena: Momentum
   _____ ME 613 Transport Phenomena: Heat
   _____ ME 614 Transport Phenomena: Mass
   _____ ME 616 Computations in Transport Phenomena
   _____ ME 618 Conductions Heat Transfer
   _____ ME 619 Convection Heat Transfer
   _____ ME 620 Radiation Heat Transfer
   _____ ME 623 Advanced Mechanical Vibrations
   _____ ME 625 Smart Structures
   _____ EE 651 Digital Control Systems
   _____ EE 652 Nonlinear and Optimal Control
   _____ EM 680 Advanced Strength of Materials
   _____ ME 683 Advanced Mechanical System Control
   _____ ME 691 Independent Study
   _____ ME 692 Topics
   _____ ME 713 Advanced Solid Mechanics I
   _____ ME 714 Advanced Solid Mechanics II
   _____ ME 715 Advanced Composite Materials
   _____ ME 722 Advanced Mechanical Design
   _____ ME 770 Continuum Mechanics
   _____ ME 781 Robotics
   _____ ME 897 Advanced Field Experience (TBD)
   _____ ME 899 Research Publications

Minor: Math/ Phys/ EE/ CEE/ Che/ MES/ BME/ NANO/ GEOE: 12 Credits

Dissertation: 30 Credits:
   _____ ME 898 Dissertation