January - August 2011:

1. Complete the Spring 2011 Courses:
2. Complete the QE Exam:

   QE Exam:
   I.   **AUTOMATIC CONTROL**
        a.   **AC-2: LTI and LT Systems---State-Space Approach**
             Linear Systems Theory and Design, by Chi-Tsong Chen, Oxford University Press, (1999). ISBN #0-19-511777-8
        b.   **AC-3: Optimization**
             An Introduction to Optimization, by E.K.P. Chong and S.H. Zak, John Wiley and Sons, third edition, (2008).
   II. **COMMUNICATIONS & SIGNAL PROCESSING**
        a.   **CS-1: Probability and Random Processes**
        b.   **CS-2: Signal Processing**
        c.   **CS-5: Image Processing**

September – December 2011:

   I.   Courses
   II.   Preliminary Exam Preparation (Prospectus)
   III. Radar 2012 Abstract
   IV.   Discussion with AFOSR for research sponsorship