Email completed form to ECE Graduate Program Officer <hungjoh@auburn.edu>, before September 15, 2016.

1. Personal Information

   Name: James D. Brilliant

   Matriculation Semester (when you started the Ph.D.): Fall 2014

   Financial Support (GTA, GRA, Fellowship): GRA, NSF Fellowship

   Major Professor: Prof. Faraday

2. Coursework and Examination

   a. Coursework (list courses completed)
      
      AERO 6400
      ELEC 7190, 7250, 7500, 7520, 7740, 7900 (2 credits), 8560
      INSY 6700
      MATH 7100
      MECH 6450
      plus 24 credits transferred from Master’s degree

   b. Examinations passed (list dates of major exams such as Ph.D. qualifying exam or Ph.D. general exam)
      
      Qualifying exam (Fall 2014), General exam (July 2016)

3. Research

   a. A brief description of your research (objectives)
      
      Analysis and design of an augmented GPS navigation system to mitigate ground-based jamming.

   b. A brief summary of your research progress for this period.
      
      A technique to augment the GPS navigation solution with magnetometer and inertial measurement information was simulated. Preparations to conduct experiments were started in early August.

   c. List of Publications. List in IEEE format (if not published or presented, indicate if accepted or submitted).
      
      i. Refereed journal publications
         

      ii. Conference proceeding papers
         

      iii. Presentations
         
4. Other (optional)

5. Comments from your Major Professor
   J.D. will likely complete his degree requirements summer 2017. He is encouraged to practice writing new research proposals, and continue his publication activities.