

September 21, 2016

### **Description of Milestones for PhD program.**

1) 1 page Initial Agreement:

“The student is expected to write a one page description of mathematics that s/he is planning to work on and the name of professor; a short statement by the professor that there exists an agreement is required.” The one page document should include the description by the student and the statement by the professor, and both should sign the document.

2) 3 page Plan of Research:

“The problem that the student is planning to work on and the idea of methods for solving it should be described. Again, a short statement by the Ph.D. advisor should be included.”

The PhD advisor should provide a short separate statement indicating that they approve of the plan of research.

3) 10 page Progress Report and Presentation:

“At this point the student should write a 10 page description of the project that s/he is working on, describing the progress that has been made. There will be a one-hour oral presentation of this work in front of the Ph.D. advisor and a committee of 3 faculty members, preferably from the Graduate Committee.”

The PhD advisor and committee should return a signed document after the oral presentation, indicating satisfactory progress by the student. The progress report should have a title and should be typeset in a format appropriate for a research paper. The report may be a published paper or a paper submitted to the archive (the student must be an author or co-author).