MTH 403 Oral Senior Project Proposal Winter 2014

The Oral Project Proposal is designed to mimic, to a certain degree, the professional activity of giving an oral grant or thesis proposal. The main point of such a presentation is tell the audience exactly what you intend to do and to convince them that it is worth doing.

The Proposal must include, in this order,

- 1. Introduction—the first breaths of which will be the authors & article(s) from which your project begins or the statement of your problem. It could (and should, if possible) include something about the history and origin of the topic
- 2. Definitions--of the terms *needed to understand the proposal* that may not be familiar to everyone in the audience. (e.g. Everyone is required to have taken group theory, so one would not define "group." However, a course in Markov chains is not required, so one would need to define "Markov chain.")
- 3. Goals--what you intend to do in your project, in detail, illustrated with examples whenever possible and including proposed extensions.
- 4. Justification—why is this worth doing? For those of us in mathematics, especially in pure mathematics, anything that that piques our interest is "worth doing." However, for purposes of this presentation, give other reasons.
- 5. Summary/Conclusion
- 6. Papers cited—full citations for all potential sources in addition the initial articles(s) from the introduction

As you give the proposal, announce each section, e.g., "My goals are . . . "You have 11 minutes.

For efficiency, use the document camera, handouts, or PowerPoint-like software such as Beamer. Copies may be made on the dept. copier by telling the office specialist that Cheryl asked you to make copies on it.

Proposal Evaluation Rubric:

3	Presentation was creative, well-organized and appears to have been rehearsed; and all required features were included, clearly announced, and were very well-covered; and the audience was engaged; this Proposal should unquestionably be approved
2	Presentation appeared to have been rehearsed, but had some flaws in organization and timing; or all the required features were included and the coverage was generally good, but were not clearly announced or were somewhat weak in places; or some yawns © from the audience; this Proposal should probably be approved
1	Presentation had major flaws in organization or timing; some of the required features were missing or poorly covered; or audience fell asleep ©; the Proposal should not be approved in its present form.

*Required features: Introduction (including the article(s), Definitions (if needed), Goals, Justification, Summary/Conclusion, Papers Cited

Presenter	Evaluation (1-3)	Comments, Suggestions, Questions
		Continue on the back if necessary.

Continue on the back if necessary. →

Comments will be shared anonymously with the presenter.

EVALUATOR		

For instructors use: Evaluator followed the rubric completely \square , mostly \square , not \square

WOU Oral Project Proposal Participation Log