

**Syllabus SYST 699/OR 699
Masters Program Final Project Course
Fall 2012**

Instructor: Dr. Karla Hoffman

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Office Hours: Before or after class, or by appointment

Text: *None*

Course Objectives: This course serves as the synthesis activity for students completing a masters degree in Operations Research (OR 699) or Systems Engineering (SYST 699). Students will complete a major applied and realistic project in their field. Work will be done in small groups. Depending on the nature of the problem, the groups will be comprised of a combination of operations researchers and systems engineers in the proportions appropriate to the problem at hand. The students will prepare a comprehensive final report to the study sponsor, as well as a briefing to the sponsor and the entire SEOR department faculty. Regular in-progress review sessions in which students will report their progress will be held.

<u>Date</u>	<u>Topic</u>	<u>Assignment</u>
8/30	Project Descriptions	Team organization
9/6	Presentations, Problem Definition	Prepare Presentation
9/13	Working Session – Class meets	
9/20	Working Session – Class does not meet Work privately on presentation	Send Presentations to Dr. Hoffman by Sat. 9/22/2012
9/27	Presentation	Team Presentation
10/4	Working Session	
10/11	Working Session	1 page status report
10/18	In Progress Review Presentation	Team Presentation (approx 20 mins)
10/25	Working Session	
11/1	Individual Team Meeting w/ instructor	Status and draft of final presentation
11/8	Individual Team Meeting w/ instructor	Status and draft of final presentation
11/15	Working Session	
11/22	Thanksgiving Break	
11/29	Dry run of final presentation	Final report due
12/6	Final presentation to Faculty	

Grading:		
	Proposal	10%
	IPR presentations	20%
	Website	10%
	Final Report	30%
	Final Presentation	<u>30%</u>
		100%