

**Syllabus SYST 699/OR 699
Masters Program Final Project Course
Fall 2015**

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.

Below is a tentative schedule that might change based on the progress of the projects and the resulting reports:

<u>Date</u>	<u>Topic</u>	<u>Assignment</u>
9/3	Project Descriptions	Team organization
9/10	Presentations, Problem Definition	Prepare Presentation
9/17	Working Session – Class meets	
9/24	Working Session – Class does not meet Work privately on presentation	Send Presentations to Dr. Hoffman by Sun. 9//20/2015
10/1	Presentation	Team Presentation – Draft of problem definition and proposed solution process
10/8	Working Session	
10/15	Working Session	1 page status report
10/22	In Progress Review Presentation	Team Presentation (approx 20 mins)
10/29	Working Session	Draft of report due
11/5	Individual Team Meeting w/ instructor	Status and draft of final presentation
11/12	Individual Team Meeting w/ instructor	Status and draft of final presentation
11/19	Dry run of final presentation	Final report due
11/26	Thanksgiving	
12/3	Any last minute corrections to presentation	Return of reports for editing

12/11

Final presentation to Faculty

Final submissions due... including website with all materials.

NOTE: The final presentation is on a Friday. PLEASE PLAN ACCORDINGLY. The final presentation will be in the Johnson Center Room A.

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