

## Syllabus

Last updated: 8 January 2016

**Course description.** In this capstone course, midshipmen will apply operations research techniques to Navy-relevant problems. Midshipmen will work in teams on projects coordinated with the Johns Hopkins University Applied Physics Laboratory (APL). Midshipmen will present their results in writing and orally, including a final written report summarizing their project work, and a final oral presentation to the students and faculty of the mathematics department.

**Schedule.** A graphical overview of the schedule (subject to change) is given on the next page. Specific dates for meetings, presentations, and submission deadlines will be given during the semester. Here is a summary of the milestones:

Week		Milestone
3	25 Jan – 29 Jan	1st draft of problem definition due
6	15 Feb – 19 Feb	Combined problem definition and literature review due Presentation on problem definition and literature review
9	7 Mar – 11 Mar	Detailed outline of methodology and results section due
13	4 Apr – 8 Apr	1st draft of methodology and results section due
16	25 Apr – 29 Apr	Final presentation
17	2 May – 3 May	Final report due

