

Course Policy Statement

Last updated: 18 January 2021

1 Basic information

Time and place. Section 1202B: 🕒 TR8 📍 CH120 Section 1202G: 🕒 TR9 📍 CH121

This class will be taught *online* this semester over Google Meet until further notice.

Instructor. Assoc. Prof. Nelson Uhan ✉ uhan@usna.edu

Extra instruction. I am happy to meet with you over Google Meet for EI. Please email me to schedule an appointment. Note that this semester, I teach during TR8, TR9, and TR10.

Course website. <http://www.usna.edu/Users/math/uhan/sa305/>

All course materials (e.g. this course policy statement, syllabus, lesson notes, homework assignments, solutions) and important course announcements will be posted on the course website.

2 How will this class work?

Class meetings. During each class meeting, we will discuss new concepts, and work through examples that illustrate these concepts. You will also spend some class time working on exercises your own or in small groups to help you learn these new concepts.

Homework. Homework will be assigned almost every class. You are expected to complete each assignment by the next class. Homework is designed to reinforce the material introduced to you in class, on your own time. Homework will not be collected or graded.

Quizzes. Most Thursdays, there will be a short quiz in class, based on recently covered material. Be prepared for a quiz every week. These quizzes are designed to make sure that you are keeping up with the course material.

Exams. There will be 2 in-class exams and a final exam. These exams are designed to assess the depth of your understanding of the course material.

Labs. Throughout the semester, you will be assigned several labs that ask you to write code with Pyomo, a Python library for mathematical optimization models. These labs will be collected and graded.

Project. Near the end of the semester, you will be assigned a project. This project will ask you to apply the techniques you learned throughout the semester – especially Pyomo – to a large, real-world problem.

3 Grading

Course grading. Your course grade will computed as follows:

6-week and 12-week marking periods:

Final:

In-class exams	70%
Quizzes	15%
Labs	15%
Total	100%

In-class exams	40%
Final exam	30%
Quizzes	15%
Labs	10%
Project	5%
Total	100%

A course grade of $x\%$ corresponds to the letter grade

A if $90 \leq x \leq 100$, B if $80 \leq x < 90$, C if $70 \leq x < 80$,
D if $60 \leq x < 70$, F if $0 \leq x < 60$.

I reserve the right to lower these standards at the end of the semester if deemed necessary. These standards will not be raised.

Late work. Late work (quizzes, exams, labs, projects) will not be accepted.

Makeup quizzes/exams. No makeup quizzes/exams will be given unless you have an excusal or movement orders, or are sick-in-quarters.

It is your responsibility to arrange for a makeup quiz/exam. Arrangements for a makeup quiz/exam must be finalized within 1 week of the original quiz/exam date.

Regrading. You may ask for a regrade of an assessment if you feel it is appropriate. Regrading requests should be made no later than 1 week after the assessment was returned to the class. If you submit an assessment for a regrade, your entire assessment may be regraded.

4 Academic honesty and classroom conduct

Academic honesty. You are encouraged to work with other midshipmen whenever possible. Discussing the course material and homework assignments is a great way to learn.

However, cheating will not be tolerated. In particular, exchanging electronic files with work you have done for any assessment is not permitted unless stated otherwise. Cheating also includes, but is not limited to: copying someone else's assessment, using unauthorized material for an assessment, turning in an altered assessment for a regrade. Any act of academic dishonesty will be reported to your company officer, the department chair, and your academic advisor. I also reserve the right to give a score of 0% for any assessment for which I suspect cheating.

See *Policies Concerning Graded Academic Work* (USNAINST 1531.53B) and *Brigade Honor Program* (USNAINST 1610.3L) for more information regarding academic honesty.

Classroom conduct. You are expected to behave professionally in class, and treat others with dignity and respect. Unprofessional conduct includes, but is not limited to, sleeping or using your computer or cell phone for activities not related to class (e.g. browsing Facebook, texting your friends). You are expected to have your video on during class meetings on Google Meet. Persistent poor classroom conduct will be reported to your company officer.

Recording of classes. I may record the class meeting for educational purposes (for example, to provide video for absent students). I will announce when I am beginning to record.

/s/
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USNA