

SEMINAR IN PROBLEM SOLVING TECHNIQUES

MATH 3010.001

FALL 2020

Dr. P. Allaart, Dr. J. Iaia *Class Meetings:* W 5:00-5:50 GAB 461

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GRADING POLICY

Attendance is required. Please see below statement about COVID-19 impact on attendance.

Your grade will be based on attendance, class participation and on the presentation of problems at the board.

To receive an A a student must have perfect attendance and present at least 2 problems.

To receive a B a student must have perfect attendance and present at least 1 problem.

To receive a C a student must have perfect attendance.

For every 2 unexcused absences your letter grade will be dropped by one letter.

STUDENTS WITH DISABILITIES: It is the responsibility of students with disabilities to provide the instructor with appropriate documentation from the Dean of Students Office.

COURSE DESCRIPTION: In this course we will learn techniques for solving typical problems that may appear on the Putnam Exam - an exam given each year in December which challenges undergraduate math majors with an interesting assortment of mathematical problems. Techniques include calculus, linear algebra, combinatorics, number theory, etc. (The 2020 Putnam Exam has actually been moved to February 2021 due to covid). The course will be spent on attempting to do some of the problems that have been on the Putnam Exam in past years along with hints from the instructors about how to tackle some of these problems.

COVID-19 IMPACT ON ATTENDANCE: While attendance is expected as outlined above, it is important for all of us to be mindful of the health and safety of everyone in our community, especially given concerns about COVID-19. Please contact one of us if you are unable to attend class because you are ill, or unable to attend class due to a related issue regarding COVID-19. It is important that you communicate with one of us prior to being absent so we may make a decision about accommodating your request to be excused from class. If you are experiencing any symptoms of COVID-19 (<https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>) please seek medical attention from the

Student Health and Wellness Center (940-565-2333 or askSHWC@unt.edu) or your health care provider PRIOR to coming to campus. UNT also requires you to contact the UNT COVID Hotline at 844-366-5892 or COVID@unt.edu for guidance on actions to take due to symptoms, pending or positive test results, or potential exposure. While attendance is an important part of succeeding in this class, your own health, and those of others in the community, is more important.

STATEMENT ON FACE COVERING: Face coverings are required in all UNT facilities. Students are expected to wear face coverings during this class. If you are unable to wear a face covering due to a disability, please contact the Office of Disability Access to request an accommodation. UNT face covering requirements are subject to change due to community health guidelines. Any changes will be communicated via the instructor.