

Math 1190
Putnam Seminar

Fall 2022
Dr. Ryan C. Daileda

Course URL: <http://ramanujan.math.trinity.edu/rdaileda/putnam>

Office Hours and Contact Information: Consult the course web page.

Course Content: This is a course in mathematical problem solving and written communication. We will focus on the mathematical problem-solving techniques specifically necessary for the annual William Lowell Putnam Mathematical Competition (for further information on the exam consult the course web site). The material we cover will be wide-ranging, thought-provoking, and hopefully a little bit fun, too.

Homework: Homework will be assigned every Monday. Assignments will take the form of take-home “quizzes” designed to model the actual Putnam Competition itself. You will be required to submit a carefully written solution to at least one problem each week. The quality of your mathematical exposition will be considered to be just as important as the correctness of your solution(s). Each assignment will carry equal weight toward the homework component of your grade.

Attendance: Weekly attendance in the seminar is encouraged, but roll will not be taken. Nonetheless, excessive absences should be explained to me. You are also **required** to attend both the morning and afternoon sessions of the Putnam Competition on December 3. Failure to attend the Putnam Competition will automatically result in a grade of F.

Grades: Your grade in this course will be determined as follows:

Homework	30%
Putnam Participation	70%

As noted above, failure to attend the Putnam Competition will result in an automatic F.

Calculators: You may feel free to use a calculator or computer while solving homework problems, but strictly speaking neither will be necessary. Be aware that calculators will **not** be permitted during the Putnam Competition itself.

Additional Information

Academic Integrity: All students are covered by the Trinity University Honor Code which prohibits dishonesty in academic work. Under the Honor Code, a faculty member will (or a student may) report an alleged violation to the Academic Honor Council. It is the task of the Council to investigate, adjudicate, and assign a punishment within certain guidelines if a violation has been verified. Students are required to pledge all written work that is submitted for a grade: “On my honor, I have neither given nor received any unauthorized assistance on this work” and their signature. The pledge may be abbreviated “pledged” with a signature.

The specifics of the Honor Code, its underlying philosophy, and the norms for sanctioning can all be found on the Academic Honor Council website, accessed through the Trinity Homepage:

<https://www.trinity.edu/academics/support/honor-council>

Special Needs: If you have a documented disability and will need accommodations in this class, please speak with me privately early in the semester so I may be prepared to meet your needs. If you have not already registered with Student Accessibility Services, contact the office at 999-7411 or SAS@trinity.edu. You must be registered with SAS before I can provide accommodations.

Academic Support Resources: Trinity faculty hold students to the highest academic standards, but we also know that the very best students seek out help when necessary. To learn more about the resources that are in place to support your academic success, visit Trinity's Academic Support Homepage:

<https://www.trinity.edu/directory/departments-offices/academic-support>

Title IX/Sexual Misconduct Reporting: As a Responsible Employee who is committed to creating an environment where every member of our community can thrive, I want to let you know that I am a Mandatory Reporter. What that means is that I am required to report any instances of sexual misconduct, including sexual harassment, non-consensual sexual intercourse, non-consensual sexual contact, sexual exploitation, intimate partner violence, stalking, and related retaliation that I am aware of to the Title IX Coordinator. So, if you share information with me about any incidents that implicate the Sexual Misconduct or Anti-Harassment Policies, I am required to report all information to the Title IX Coordinator to make sure you have information about support resources and complaint resolution options. My report does not initiate the complaint process, and you are in control over how you choose to engage with our Title IX Coordinator. If you or someone you know has experienced sexual misconduct, including sexual harassment, I encourage you to share this information directly with the Title IX Coordinator or one of the individuals who has been designated as a confidential resource on campus. Information about reporting is available here:

<https://www.trinity.edu/directory/departments-offices/equal-opportunity-services>