

## Math 495R: Independent study

**Instructor:** Tuan Pham

**Office hours:** MWF 12 – 1:30 PM at SCB 316

**Course description:** this 1-credit class is to help you prepare for the Putnam Competition.

**Meeting time:** the class will meet once a week for one hour at the date and time agreed by the instructor and all class members.

**Canvas:** <https://byuh.instructure.com/courses/1480207>

### **Grading components:**

Attendance: 10 points each meeting (13 weeks)

Preparation: 5 points each meeting (13 weeks)

Taking the exam: 35 points for showing up to take the Putnam exam on Dec 7, 2024

Total: 230 points

### **Resource:**

- 1) Archive of Putnam problems:  
<https://kskedlaya.org/putnam-archive/>
- 2) A lot of training problems:  
[https://www.math.northwestern.edu/documents/undergraduate/math-clubs-competitions-prizes/putnam/training\\_problems.pdf](https://www.math.northwestern.edu/documents/undergraduate/math-clubs-competitions-prizes/putnam/training_problems.pdf)
- 3) Putnam 'easy' problems:  
[https://mlerma54.github.io/problem\\_solving/putnam/easy\\_putnam\\_problems.pdf](https://mlerma54.github.io/problem_solving/putnam/easy_putnam_problems.pdf)
- 4) The book "Putnam and beyond" by Gelca and Andreescu:  
<https://byuh.on.worldcat.org/oclc/191447470>