INSTRUCTOR Eugene Mukhin
OFFICE LD 224S, (phone: 278-1079, e-mail: mukhin@math.iupui.edu)
OFFICE HOURS TTh 2:30-3:30pm and by appointment.

OBJECTIVE In this 1 credit hour course a student will train his/her brain to solve puzzles and math problems. The main goal - to be able to solve at least one problem the famous Putnam exam and eventually represent IUPUI at math competitions of different levels.

PREREQUISITES You have to be an enrolled IUPUI undergraduate student with no previous 4 year college degree. No math background is required, though that would help. Freshmen are especially welcome. I am looking for enthusiastic students who can think and create as opposed to copy and cram.

LECTURES None
TEXT None
ATTENDANCE Not required
QUIZZES None
MIDTERMS None
FINAL None

WEBPAGE http://www.math.iupui.edu/~mukhin/m491

GRADING Each Monday I will post one problem on the web page. You have a week to solve it. I ask you first spend at least 2 hours trying to solve it all by yourself. After that if you are stuck, you can ask me or your friends for hints. The solutions are due via e-mail by the next Tuesday. The solution either passes or does not in which case, I will ask you to explain the solution in person or redo the problem again.

Those who complete at least 12 (out of 14) problems by the end of the semester get an A. 10 problems will be enough for B, 8 - for C.