Do you not have enough (mathematical) problems in life?  
Then this seminar is for you!

The broad goal of this seminar is to meet once a week to discuss mathematical 
problems suggested at the previous meeting. They might come from all sorts of 
places — competition problems, interesting problems from various books, cool 
head-scratchers from the Internet — and they might require all sorts of tricks, 
techniques, ideas, and background knowledge.

Discussions of problems and presentations of solutions will be primarily stu-
dent led. The goals of any given meeting are to:

- Find problems,
- (Maybe) solve those problems,
- Figure out that or why some problems are easier than we thought,
- Figure out that or why other problems are harder than we thought,
- Get confused,
- Get unconfused,
- Scratch our heads (literally and figuratively),
- Say “oooh, I think I get it” and seize the marker/chalk,
- Wonder at someone else’s clever insight,
- Have them explain it to us,
- Learn cool mathematics,
- Have fun.

(If there is time, figure out why this is called “Problems Seminar II.”)

This is recommended for students wishing to participate in the annual William 
Lowell Putnam Competition, but is welcome to anyone with an interest in seri-
ous pondering of mathematical problem solving.

The prerequisite for this is a grade of C or better in MAT 261 – Introduction 
to Abstract Mathematics or permission from the department chair.