

**Fall 2016**  
**Math 407: Upper Level Math Honors Seminar**  
**Thursdays 9:00 - 9:50, Bouillon 106**

**Instructor:** Dr. Jim Bisgard  
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**Office Hours:** M-F 10:00 - 10:50

## 1 Course Goals

The goal of this course is to provide you with some experience with Putnam problems, as well as learn about some problem solving techniques that have been useful on past problems. (They are techniques because they are tricks that have worked more than three times!) Ideally, you will want to participate in the Putnam Competition on December 2, 2017.

## 2 Grades

To earn a C in the class, you must arrive on-time on at least 7 class days. To earn a B, you must earn a C AND either write up and present a solution to a Putnam problem, or write up and present two distinct approaches you tried on a Putnam problem. To earn an A, you must earn a B AND either write up and present a solution to a different Putnam problem, or write up and present two distinct approaches you tried on that different problem.

You are encouraged to work together with your classmates. However, the requirements above are for a single person. If you work with another person, the requirements to earn an A or a B are doubled. (For example: if you work with a partner, to earn an A requires four write-ups and four presentations.) If you work with two other people, the requirements to earn an A or a B are tripled. (So: to earn an A while working on everything with three people requires six write-ups and six presentations.)

With prior consent, each person in a group working on a particularly difficult problem may be individually credited for a problem.

## 3 Copying

Putnam solutions can be found on the web. **DO NOT COPY** one of these solutions! That is academic misconduct. Punishments for academic misconduct can range from reduced credit for an assignment to expulsion or suspension from CWU.

*Students with disabilities who wish to set up academic adjustments in this class should give me a copy of their "Confirmation of Eligibility for Academic Adjustments" from the Disability Support Services Office as soon as possible so we can discuss how the approved adjustments will be implemented in this class. Students without this form should contact the Disability Support Services Office, Bouillon 140 or ds@cwu.edu or 963-1202.*