



Advanced Problem Solving – Winter Schedule

The **Advanced Problem Solving** Winter course is a highly challenging 10-week course aimed at helping Birmingham's best high school students develop rigorous proof writing skills and further develop their problem solving skills. During the Fall, much of this class will focus on problem solving concepts from the AMC 12, the American Invitational Mathematics Examination (AIME), the ARML competition, and even the USA Mathematical Olympiad. Class will run from **7:00 PM to 9:00 PM Sunday evenings** according to the schedule below.

| <u>Class</u> | <u>Date</u> |
|--------------|----------------|
| Class 1 | Sunday, Nov 16 |
| Class 2 | Sunday, Nov 23 |
| Class 3 | Sunday, Dec 7 |
| Class 4 | Sunday, Dec 14 |
| Class 5 | Sunday, Jan 4 |
| Class 6 | Sunday, Jan 11 |
| Class 7 | Sunday, Jan 18 |
| Class 8 | Sunday, Jan 25 |
| Class 9 | Sunday, Feb 1 |
| Class 10 | Sunday, Feb 8 |

Note that due to Thanksgiving that there will be no class on Sunday, November 30, and class will be on hiatus during Winter Break on December 21 and 28.

A typical day in the Advanced Problem Solving class involves a lesson, time spent working on problems relating to the lesson, and discussion of solutions to those problems with an eye toward developing proof writing techniques. To review a sample of the Advanced Problem Solving curriculum and learn more about the class, please visit the following URL:

<http://www.mistacademy.com/advancedps.htm>

Enrollment in the Advanced Problem Solving class is \$390 (\$260 for high school seniors), which includes all materials and registration fee. Financial aid is available on a limited basis to families in need. To enroll or ask questions about this class, send an email to (classes@MistAcademy.com).