



Advanced Problem Solving – Fall Schedule

The **Advanced Problem Solving** Fall 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 combinatorics and probability problems from the AMC 12, the American Invitational Mathematics Examination (AIME), the ARML competition, and even the USA Mathematical Olympiad. Class will run from **7 PM to 9 PM Tuesday evenings** according to the schedule below.

<u>Class</u>	<u>Date</u>
Class 1	Tuesday, Aug 19
Class 2	Tuesday, Aug 26
Class 3	Tuesday, Sep 2
Class 4	Tuesday, Sep 9
Class 5	Tuesday, Sep 16
Class 6	Tuesday, Sep 23
Class 7	Tuesday, Sep 30
Class 8	Tuesday, Oct 7
Class 9	Tuesday, Oct 14
Class 10	Tuesday, Oct 21

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).