

ATYP Geometry

2009

Instructor: Dr. Kelly Schultz phone: 324-0546 (home)
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Text: *Geometry* Prentice Hall High School Mathematics Series

Goals: Knowledge of basic geometric facts, understanding of the logical connection between these facts, skill in speaking and writing these facts, skill in expressing intuitive concepts in precise language, and development of an appreciation for economy of thought and elegance of expression.

Class: *Tuesdays from 1:20 – 1:50 pm in 3394 Rood-PC lab,*
1:50 pm – 3:50 pm in 1231 Trimpe Hall

We will spend the first portion of class in the Lab where we will use the software, *Geometer's Sketchpad*. We will walk to Trimpe as a class at 1:50 pm. On test days we will meet in Trimpe only. Bring your Bronco NetID and password to lab each week.

Grading Policies:

To receive credit for this course, students are expected to perform satisfactorily on both homework and exams. Each exam grade is weighted equally with the average of the previous five homework assignment grades. Homework and exam averages will be calculated separately. Both averages must meet the minimum requirements: Grades: A (80-100), B (60-79). The final exam is a nationally normed standardized exam and administered during the last class period.

Reviews of your scholar's current grade will be sent out twice during the semester. Homework must be turned in on the day of the class even if you are absent. Try to find a person to buddy with that will bring in your homework and tell you any announcements made in class if you are absent. You must contact the ATYP office or me if you will be absent.

Materials needed each day in class: book, ruler, compass, paper, pencil and protractor.

Please let me know if you are having any kind of problem with this course. Difficulties are easier dealt with early before they turn into a mountain! I want you to succeed! Let me know how you are doing! Phone calls are welcome at any time from both students and parents.

Homework Schedule:

Always keep work neat (start each problem at the left margin, show all steps and box your answer if there is one), in order and **stapled** when turning in.

| Wk | Due Date | Section and Problem |
|----|----------|--|
| 1 | Sep 22 | 1.1 – 1.6 2, 12, 22, ..., MMPC (1,2) |
| 2 | Sep 29 | 1.3 – 2.2 4, 14, 24, ..., MMPC (3,4) |
| 3 | Oct 6 | 1.6 – 3.2 6, 16, 26, ..., MMPC (5,6) |
| 4 | Oct 13 | 2.1 – 3.8 8, 18, 28, ..., MMPC (11,15) |
| 5 | Oct 20 | 2.5 – 4.5 2, 12, 22, ..., MMPC (19, 21) |
| 6 | Oct 27 | 3.3 – 5.3 4, 14, 24, ..., Exam 1 (Chapters 1-4) |
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| 7 | Nov 3 | 4.1 – 6.3 6, 16, 26, ..., MMPC (22, 23) |
| 8 | Nov 10 | 4.6 – 7.1 8, 18, 28, ..., MMPC (33, 32) |
| 9 | Nov 17 | 5.4 – 8.1 2, 12, 22, ..., MMPC (27, 34) |
| | Nov 24 | No class – Thanksgiving Week |
| 10 | Dec 1 | 6.4 – 8.6 4, 14, 24 ..., MMPC (38, 39, 18) |
| 11 | Dec 8 | 7.2 – 9.5 6, 16, 26, ..., Exam 2 (Chapters 5-8) |
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| 12 | Dec 15 | 8.2 – 9.6, 10.1 – 10.4 8, 18, 28, ..., MMPC (9, 14, 16) |
| | | Dec 21- Jan 1: No class – Winter Break |
| 13 | Jan 5 | 9.1 – 9.6, 10.1 – 10.7, 11.1 2, 12, 22, ..., MMPC(24, 26, 28) |
| 14 | Jan 12 | 10.1 – 11.6 4, 14, 24, ..., skip 10.8 MMPC (30, 35, 37) |
| 15 | Jan 19 | 10.5 – 12.4 6, 16, 26, ..., skip 10.8 Final Exam (Comprehensive) |

Student Grader:

Name Kevin Dugal

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Phone Hours: Monday 8 - 9 pm

Help session: Sunday afternoons 6-7 pm, beginning September 20th at Lee Honors College

Students are expected to behave in a manner that shows respect for the ATYP program. Students must clean up any trash accumulated during class.