1. ORGANIZATIONAL INFORMATION


1.2. The Course. Professor: Tim DeVries
Office: Hilles 209D, in KINSC. Tel: (610) 896-3367
E-mail: tdevries@haverford.edu
Schedule: MWF from 10:30am to 11:30am in Sharpless 412 (Haverford)
Office Hours: Office hours will be held in Hilles 209D at times to be determined.

Note: If you would like to meet with me, but the official hours do not fit your schedule, send me an email in advance and we can try to schedule something.

Discussion Sections: Thursdays, time to be determined.

1.3. Some Important Dates.
Midterm #1 Due Date: Friday, September 28th, 2012.
Midterm #2 Due Date: Friday, November 2nd, 2012.
Midterm #3 Due Date: Friday, December 7th, 2012.

2. POLICIES

2.1. Exams/Tests. There will be a total of four exams in this course. There will be three timed take-home midterms, due on the dates listed above. In addition, there will be a self-scheduled cumulative final exam. The midterm exams will be two hours long, while the final exam will be three hours long.

On each midterm, each student may use one study sheet created by the student him/herself. On the final exam, each student may use two study sheets. Each individual sheet must measure 8.5 by 11 inches, and may not include any attachments (staples, paperclips, post-its, etc.). The student may use both sides of the study sheet, but the study sheet must be entirely hand-written. Calculators are likewise permitted on exams. No additional study aides (textbooks, Mathematica, additional notes, etc.) may be used on the exams.

2.2. Homework. In general, homework will be assigned every Friday. New assignments will be posted to Moodle. The homework will be divided into three parts: exercises, online exercises and problems.

Exercises are meant to develop your basic skills and test your understanding of the course material. These exercises will not be graded/collected, and are meant for your own self-evaluation.

Online exercises will be posted using WeBWorK, an online homework system. Students will receive an email early in the semester detailing the WeBWorK setup process. Online exercises will generally be due on Wednesdays by 11:55 pm. You will be able attempt the online exercises as many times as you would like (subject to the deadline), and you will receive immediate feedback on the correctness of your solutions. It is good practice to try to treat the online exercises as a closed-book quiz on your first attempt. But if you encounter difficulties, feel free to consult the book, to collaborate and to ask questions. It is hoped that the online exercises will augment the ordinary exercises via feedback.

Problems are more involved than exercises, and are meant to deepen your understanding. Problems will generally be due on Fridays and will be collected at the beginning of class. Be sure that your problem set is stapled and clearly organized. Put your name and date in a visible place, and write your answers neatly and legibly. Be sure to show all of your work. A correct answer with insufficient justification is not worth full credit.

Each week a portion of the problems on each problem set will be graded for credit. These selected problems will be worth 5 points each. Four of those five points are awarded according to the following rubric:

- **4 points:** The solution is correct and complete.
- **3 points:** The solution demonstrates good understanding, but includes small errors or omissions.
- **2 points:** The solution demonstrates sound ideas, but includes serious errors.
- **1 point:** The solution demonstrates a serious effort.
- **0 points:** No progress toward solving the problem.
The final point is for clarity of exposition. A problem will be awarded this final point if (1) the exposition demonstrates
the logic of the solution in sufficient detail, and (2) the problem received at least a 2 according to the preceding rubric.

**Late problem sets will generally not be accepted.** If you know ahead of time that you will not be able
to hand in a problem set on the day that it is due (e.g. in the case of a religious holiday, etc.), you should plan ahead and have the problems prepared early. That being said, I understand that unexpected events will arise and assignments will be missed. Therefore, I will drop the lowest problem set score from everyone’s grade.

Online exercises account for 10% of your final grade, while problem sets account for 15% of your final grade.

2.3. Grading. Your grade will be composed of your homework grades and your exam grades weighted as follows:

<table>
<thead>
<tr>
<th>Grade</th>
<th>% of Final Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>25%</td>
</tr>
<tr>
<td>Each Midterm</td>
<td>15%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>30%</td>
</tr>
</tbody>
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At the end of the course, numerical grades will be curved to obtain letter grades.

A note on regrades: If you feel that the graders or I have graded something in error, do not hesitate to bring
this to my attention in office hours.

2.4. Group Work. Working together on homework assignments can be a great learning experience. You can learn a lot in a course simply by exploring alternate points of view. As such, you are encouraged to work with other students from this class. However, while group work is encouraged, you should always do the following:

1. Give a serious attempt to all homework problems yourself before collaborating with others.
2. Write up your solutions independently, in your own words, and without reference to any collaborated materials.

If you do choose to collaborate with others, you must write the names of your collaborators on your homework assignment on a per-problem basis.

Finally, be cautious. It is easy to rely on collaboration as a crutch, thus negating its many benefits. And to be clear: there is no collaboration on any of the exams and it is not permissible to copy another student’s homework solutions.

The Haverford Honor Code should govern your behavior throughout this course, and I trust that there will be no problems. Please see me if you have any questions regarding the Honor Code as it pertains to this course. If there are any suspected violations of the Honor Code, such violations will be referred to the Honor Council for adjudication. (Please see http://www.haverford.edu/math/collaboration.html for further details on collaboration and the Honor Code).

3. Resources

- **Moodle:** Important course documents and all exam grades will be posted on the Moodle site: http://moodle.haverford.edu

  Be sure to check Moodle regularly.

- **Math Question Center (MQC):** In addition to class and office hours, there is another great place to ask all your math questions: the Math Question Center. Every Sunday through Thursday from 7-9pm in Hilles 011, professors and certain students are available to help you out with all your math questions. The MQC is also well set up for collaborative work, and can be a great place to work together with fellow students. This semester, I will be working in the MQC on Thursday nights.

- **Accommodations:** Students requiring accommodations due to the impact of a disability are encouraged to meet with me privately at the beginning of the semester. Such students should also contact Rick Webb, Coordinator, Office of Disabilities Services (rwebb@haverford.edu, 610-896-1290) as early as possible to verify eligibility for accommodations.