Math S118  Finite Mathematics  
FALL  2004
Section: 16182  (Friday 9:30 – 10:30)

Instructor:  Deborah Tompkins
dtompkins@math.iupui.edu  
office phone:  278-9646
Office Hours:  M & W  12:30 – 2:00  at the MAC, University College
   Also   T & Th    11:30 – 1:00  in Walker Plaza 300

This syllabus and other Departmental M118 policies can be found online at
http://webphysics.iupui.edu/webscience/courses/mathm118/mathm118information.html
The above address and more information can be found in ONCOURSE.


Calculator:  A non-graphing scientific calculator, able to do permutations and
combinations, is required for this course.  A recommended model is TI-30Xa.

Attendance:  Attendance is crucial for success in this course and is required of all
students without exception.  A student absent from class bears full responsibility for all
material covered in class.  I will take attendance each day; attendance and class
participation will be factored into your final grade for a total of 16%.

Homework:  Diligence with homework is critical to finding success in any math
course.  Problems will be assigned daily and it is your responsibility to complete the
problems assigned and to check your answers with those provided in the back of the
textbook.  You are encouraged to work together and utilize the MAC.
   Four homework problem sets will be assigned to be turned in for a grade.
They will be required; no homework grades will be dropped.  Each will be accepted
up to one week after its due date; after that date a missing assignment will be a zero.
Each will be worth 16% of your Honors Section grade.

Quiz:  On the last day of class there will be a final quiz.  You will be able to use your
notes, your text, and work together.  This will be a required quiz, and will be 20% of
your Honors Section grade.

Grading:  Your final grade is determined by the weighted average of your homework
and quiz as described above.  90 – 100%  A,  80 – 89%  B,  70 – 79%  C,  60 – 69%
D,  below 60%  F.

Assistance:  The MAC, the Mathematics Assistance Center, is located on the first
floor of University College (UC 102).  It provides free tutoring, mentoring, and more.
For information go to  http://www.math.iupui.edu/MAC  or call 274-7898.

Withdrawals:  Last day to withdraw leaving no record:  Sept 1
Last day to withdraw with a grade of W, need my signature:  Oct 19
Last day to withdraw with a grade of W, need signatures from me & advisor:  Nov 16
No drop slips will be signed after Nov 16.
**Academic Integrity:** The Department of Mathematical Sciences takes academic integrity very seriously. The usual penalty for a student caught cheating includes an F in the course. Further penalties may include probation, suspension, or expulsion.

**Special Service:** Students needing accommodations because of a disability will need to register with Adaptive Educational Services and complete the appropriate forms issued by AES before accommodations will be given. The AES office is located in CA 001E, and they may be reached by calling 274-3241.

**Course Coordinators:** Questions and problems relating to this course should be directed to Jeff Watt, jwatt@math.iupui.edu, or Deborah Tompkins, dtomkins@math.iupui.edu

---

**S118 Honors Section Schedule… Homework in each section to be announced**

<table>
<thead>
<tr>
<th>Class Day</th>
<th>Section to be Covered… Graded Homework Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 27</td>
<td>Intro; Review of Graphing Linear Equations: 6.1</td>
</tr>
<tr>
<td>Sept 3</td>
<td>1.3</td>
</tr>
<tr>
<td>Sept 10</td>
<td>11.1 &amp; 11.2</td>
</tr>
<tr>
<td>Sept 17</td>
<td>11.3 &amp; 11.4</td>
</tr>
<tr>
<td>Sept 24</td>
<td>11.5 &amp; 11.6</td>
</tr>
<tr>
<td>Oct 1</td>
<td>7.1 <em>Turn in Homework 1</em></td>
</tr>
<tr>
<td>Oct 8</td>
<td>7.2</td>
</tr>
<tr>
<td>Oct 15</td>
<td>7.3</td>
</tr>
<tr>
<td>Oct 22</td>
<td>All-Integer Method (6.2) &amp; 8.1 <em>Turn in Homework 2</em></td>
</tr>
<tr>
<td>Oct 29</td>
<td>8.2</td>
</tr>
<tr>
<td>Nov 5</td>
<td>8.3 &amp; Review</td>
</tr>
<tr>
<td>Nov 12</td>
<td>10.1 &amp; 10.2 <em>Turn in Homework 3</em></td>
</tr>
<tr>
<td>Nov 19</td>
<td>6.4</td>
</tr>
<tr>
<td>Dec 3</td>
<td>9.3</td>
</tr>
<tr>
<td>Dec 10</td>
<td>Final Quiz <em>Turn in Homework 4</em></td>
</tr>
</tbody>
</table>