MATH 26: Plane Trigonometry
Fall 2016
Dr. Jackie Kaminski

**Course Web Sites:**  www.personal.psu.edu/jnk15/math26_f16/

**Prerequisites:**  Math 21 or satisfactory performance on the mathematics placement examination

**Instructor:**  Dr. Jackie Kaminski,  265 Hawthorn,  jnk15@psu.edu

W: 12:20-1:20 in the LRC


**Class Schedule:**
- Section 1: MWF 10:10-11:00 in E132 Smith
- Section 2: MWF 11:15-12:05 in 285 Hawthorn
- Section 4: MWF 9:05-9:55 in 202 Holtzinger

**Description:**  Trigonometric functions; solutions of triangles; trigonometric equations; identities.  We will cover Chapter 10 and (as time permits) parts of Chapter 11 from the textbook.

**Grades:**  There will be 2 exams and a comprehensive final examination.  In addition to this, there will be quizzes (and pop-quizzes) given throughout the semester.  The three lowest quiz scores will be dropped.  The final grades will be determined as follows:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>20%</td>
<td>TBA</td>
</tr>
<tr>
<td>Exam 1</td>
<td>25%</td>
<td>Friday, September 23</td>
</tr>
<tr>
<td>Exam 2</td>
<td>25%</td>
<td>Friday, October 28</td>
</tr>
<tr>
<td>Final Exam</td>
<td>30%</td>
<td>TBA (Dec 12-15)</td>
</tr>
</tbody>
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Your total score will translate to letter grades roughly as follows:

- 90%=A-, 80%=B-, 70%=C, 60%=D, <60%=F

**Late drop deadline:**  Friday, Nov 11.

**No Calculators or other electronic devices will be allowed during exams or quizzes.**

**Make-up exams:**  Make up exams will be given only to students with a legitimate excuse for their absence who also have made prior arrangements for a make up exam.  Prior arrangements need to be made one full week (or more) before the missed exam.  The earlier you ask, the more likely you are to get a make up.  Any missing exam will result in a grade of 0 for that exam.  This means if you email me saying you’re sick an hour before the exam starts and just don’t show up, your score is a 0, and you will not get a make up exam.  Note that individual travel plans do not count as legitimate excuses.

Obviously, exceptions will be made in the case of emergencies.  Note that emergencies are things that involve flashing lights and first responders (ambulances, fire truck, hospitals, etc).
Quizzes: At least half the points on each quiz will be selected directly from the list of homework problems. To succeed in this course you need to ensure you can do all homework problems on your own, with no hints, no tutors, no calculators and no notes, etc. Make sure you’re organizing your learning and your study time towards that goal. **There will be no make-up quizzes.** Your 3 lowest quiz grades are dropped.

Attendance: Note that poor attendance in class usually results in poor performance on quizzes and exams. *You are responsible for all information given in every class, whether or not you attended that class.* So ‘I wasn’t in class that day’ is never an excuse, please don’t try it.

Tutoring: Tutoring is available for this course. For details, inquire at the Learning Resources Center: http://www.altoona.psu.edu/lrc/

Academic Integrity: All Penn State policies regarding ethics and honorable behavior apply to this course. Any form of cheating on an exam or quiz will result in a 0 for the grade on that test. Serious forms of cheating will be referred to the appropriate University offices and can lead to suspension or expulsion from the University.

Students with Disabilities: Penn State welcomes students with disabilities into the University's educational programs. Every Penn State campus has an office for students with disabilities. Student Disability Resources (SDR) Web site provides contact information for every Penn State campus: http://equity.psu.edu/sdr/disability-coordinator. For further information, please visit Student Disability Resources Web site: http://equity.psu.edu/sdr. If you need accommodations, you must notify me to make arrangements 1 full week before the quiz/exam/final you need accommodations on.

**This syllabus is subject to change. Changes will be announced in class. You are responsible for checking this website for updates.**

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**How To Succeed:**

Know this syllabus, all its policies and dates. They all apply to you. Not knowing them will be detrimental to you grade in this class.

You are in college, you are expected to come to class every day prepared to learn. You are expected to work on the material until you master it (whether it takes a long time or a short time). You are expected and ask for help as soon as you’re even a little bit confused.

Be responsible. And know that once you get a grade on a test, there will no chance to change/improve it. If you want/need a certain grade in this course, you must be responsible and learn the material *before* each test. Once you take the test, the only way to change it is to invent a working time machine.

Use class time effectively. No texting (even if you hid the phone under your desk), read the textbook before class, take good notes, ask good questions.

Do all homework before the weekly quiz. Work on the problems until you’re comfortable doing them in a quiz/test setting (no calculators, no notes, no looking at the answer first, no asking for help, etc).

*Do not* practice doing the homework wrong! If you are getting questions wrong *stop*, then review your textbook/notes. If this doesn’t help, go to the LRC/Office Hours immediately. In this class you are graded on your ability to answer questions correctly, not your effort.

All the material for this class builds on previous material. If you have gotten something wrong, go back and learn it correctly (because it will come back). This applies to prerequisite material as well.

Practice writing your work correctly. I can only grade what you write down on quizzes/test (not what you explain after the fact). If you don’t show appropriately written, clear, correct work, then you can’t get any partial credit.