

## MATH 1720 – Precalculus Trigonometry – Fall 2009

Section P07 (2 – 2:55 p.m. MWF) in GN 229

INSTRUCTOR:	Robert (Bobby) Jackson
OFFICE/PHONE:	Alexander 210 Office Phone: 539-7060
E-MAIL/WEB:	Email: <a href="mailto:rtjackson@pstcc.edu">rtjackson@pstcc.edu</a> Website: <a href="http://www.pstcc.edu/facstaff/rtjackso">http://www.pstcc.edu/facstaff/rtjackso</a> (note that there is no “n” at the end!)
OFFICE HOURS:	MW 3:05-4 p.m., TR 2-2:55, F 11:50-12:45, or by appointment
CATALOG COURSE DESCRIPTION:	Precalculus Trigonometry for students in university parallel/transfer programs of science, mathematics, engineering, or computer science. This is one of two courses in a sequence which prepares students for Calculus I. It provides a review of plane trigonometry and other analytical aspects used in calculus. This course is a prerequisite for MATH 1910 if high school trigonometry has not been completed.
PREREQUISITES:	High school algebra I and algebra II and ACT math score of at least 19; or DSPM 0850 or equivalent math placement score.
TEXTBOOK:	<i>Precalculus</i> , Blitzer, 3rd edition Students will be expected to read the covered sections of this textbook.
REQUIRED EQUIPMENT & MATERIALS:	<ol style="list-style-type: none"><li>1. Textbook</li><li>2. Lined loose leaf paper and a pencil with eraser. A three-ring folder would be good idea to keep your homework and any handouts.</li><li>3. A graphing calculator that does NOT perform symbolic manipulations. The TI-83 or TI-84 is highly recommended. The TI-84 will be used in class demonstrations. The TI-89 or TI-92 is not permitted on tests or in-class quizzes.</li></ol>
ATTENDANCE:	Students must attend at least 75% of all scheduled classes. Thus, students who are absent for more than <b>10</b> meetings will receive a grade of “F”. Attendance is counted starting from the first official class meeting. Attendance is taken at the beginning of class. If a student arrives late it is their responsibility to remind me to mark them present.
STUDENT CONDUCT:	Please use common courtesy in class. Turn cell phones off or put on vibrate/silent mode. Do not carry on conversations during lectures. If you need to converse, please go out in the hall away from the classroom.  Plagiarism, cheating and other forms of academic dishonesty are prohibited. In addition to other possible disciplinary sanctions that may be imposed through the regular Pellissippi State procedures as a result of academic misconduct, the instructor has the authority to assign an F or a zero for the exercise or examination OR to assign an F in the course.
EXTENDED COLLEGE CLOSURE:	Pellissippi State Community College is committed to the educational process and student learning. In the event of a prolonged college closure (of at least a week), I will e-mail the students by means of Pellissippi State’s e-mail system (your e-mail address that ends with @pstcc.edu) and inform them how we will continue the course. The students will be responsible for checking their Pellissippi State e-mail account in such an event. I will also place announcements on my web page (see above) if at all possible.

**HOMEWORK:** Homework assignments for the textbook will not be collected. However, the key to success in this course is through attempting and understanding all assigned problems from the text as well as any additional problems I assign. If you attempt and understand all the homework, you should do well on tests & the final exam in this course. You should read the relevant sections and work through relevant examples from the text **before** attempting your homework. Homework for a section covered in class should be attempted before the **next** class meeting. Please do not fall behind in doing homework.

**QUIZZES:** To monitor students' progress in homework assignments, quizzes will be given to do in-class or for take-home. Any take-home quiz will be due at the next class meeting. There will be no makeups for quizzes, but if it is a take-home, I will post the quiz on my website so students who are absent may complete it and bring to the next class meeting. I will drop at least one of your lowest quiz grades. The quizzes will be graded for a total of 100 points.

**TESTS:** There will be three regular tests given over the course of the semester. See the Tentative Class Schedule for dates. Each test will count 100 points. **PLEASE USE PENCIL AND ERASER ON TESTS.** Graphing calculators will be allowed for use on tests. Makeup test will only be give if you give at least a week advance notice or if there is a **VERIFIABLE** emergency (illness, family emergency, etc.) that happens the day of the test. In this later case, students will need to present **WRITTEN & SIGNED** confirmation of the reason the test was missed and will need to contact me as soon as possible to discuss when the test will be completed.

**FINAL EXAM:** The final exam will be comprehensive. See tentative class schedule for date and time for final exam. **Students must take the final exam to pass the course.** It will be graded out of 100 points.

**COURSE GRADE:** Course grade will be determined based upon a student's point accumulation. There will be a total of 500 points (100 for quizzes, 300 for tests, and 100 for the final exam).

**GRADING SCALE:**

- A: 465-500 points (93-100%)
- B+: 440-464 points (88-92%)
- B: 415-439 points (83-87%)
- C+: 390-414 points (78-82%)
- C: 350-389 points (70-77%)
- D: 300-349 points (60-69%)
- F: 0-299 points (Below 60%)

**HELP:** Please see or call (539-7060) me during office hours or make an appointment if you have any questions about homework or any of the material discussed in class. I am your primary resource for help. You may also email me ([rtjackson@pstcc.edu](mailto:rtjackson@pstcc.edu)) with questions and I will reply as soon as possible. Other resources include:

1. The Math Help Web Site. This site has a lot of good resources including calculator help & links to helpful sites for data collection.
2. The Learning Center on the third floor of the ERC. There is help here from other students and math instructors. There should be a schedule available soon of when statistics help is available.
3. Your classmates! I think it would be beneficial for each student to find someone else in the class to work on homework, study, and generally look out after each other. Working with others will, I believe, enhance your retention and understanding of the material.