MATH 112 CRN 10585, PCC Sylvania, Winter 2016
MW 5:00–7:20 SS 112
Instructor: Joseph Bradford
Office: ST 203
Office Hour: MW 1–2 pm
or by appointment
Phone: 971-722-3389
E mail: jbradfor@pcc.edu
webpage: spot.pcc.edu/~jbradfor

Elementary Functions, 5 Cr Topics investigated graphically, numerically, symbolically, and verbally and include: trigonometric functions and their graphs, trigonometric equations and identities, solution of right and oblique triangles, vectors, polar coordinates, parametric equations and complex numbers. Communicate results in oral and written form. Prerequisite: WR 115, RD 115 and MTH 111, 111B, or 111C or equivalent placement test scores.


Supplemental Pack. (Link on course website)

Calculator A graphing calculator is required. I will be using the TI-89.

What The Course Covers

Sec. 5.1–5.6 Trigonometric Functions
Sec. 6.1–6.7 Analytic Trigonometry
Sec. 7.1–7.3 Trig. Applications
Sec. 8.1–8.6 Polar Coordinates
Sec. 9.3, 9.4, 9.7 Analytic Geometry
Grading

Your grade is based on 500 points, as follows:

<table>
<thead>
<tr>
<th></th>
<th>points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>50</td>
</tr>
<tr>
<td>Quizzes 1 &amp; 2 (no calculator)</td>
<td>50</td>
</tr>
<tr>
<td>Test 1</td>
<td>100</td>
</tr>
<tr>
<td>Test 2</td>
<td>100</td>
</tr>
<tr>
<td>Worksheets</td>
<td>50</td>
</tr>
<tr>
<td>Final</td>
<td>150</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>500</strong></td>
</tr>
</tbody>
</table>

I plan to grade on straight percentages:

- \(+90\) % A
- \(80\) % – \(89\) % B
- \(70\) % – \(79\) % C
- \(60\) % – \(69\) % D
- below \(60\) % F

You may **not** make up a test. If you cannot make it to class on the day of the test you must contact me before class and we shall work something out. If no contact is made a zero will be given.

The final is comprehensive on Monday, March 14 at 5:00 pm.

Homework problems will be assigned weekly. You may drop your lowest homework score.

Homework assignments need to be completed on time. There will be a 25% deduction for each calendar day a homework assignment is late.

Homework grading is based on two factors. You may receive 5 points for a complete assignment and you may receive 5 points for graded problems, picked at random. A partially completed assignment with incorrect answers will receive 0 points.

Electronic submission of homework will be accepted only in rare cases. It is according to the instructor’s discretion where to, when to and whether to read a homework submitted electronically. I will not grade an assignment I cannot read.
Your cell phone must be in some sort of “silent mode” while you are in the classroom. You may not read or send text messages while class is in session. If there is an unusual situation where you simply must be able to read and/or send a message without delay, have your phone in vibrate mode and leave the room before reading and/or responding to the message. No other electronic devices (other than calculators) may be used during class without the express permission of the instructor.

Important Dates: the last day to add is Tues. 1/12. The last day to drop with a refund is Sat. 1/9. The last day to withdraw with a ‘W’ is Sat. 2/27.

Pass/No Pass (P/NP). Requests for a ‘P/NP’ shall be requested through the registration office by the end of the eighth week of classes. NOTE: Absolutely NO late requests for a P/NP grade option will be accepted after the eighth week of school.

Audit (AU). Consult your advisor if Audit is allowed for Financial Aid. Requests for an ‘AU’ must be requested through the registration office. You must first have your instructor sign an Audit Request form (supplied by Registration). At that point, you must take the signed request form to the registration office for processing. The process for requesting an Audit grade option must be completed by the end of the first week of classes. NOTE: Absolutely NO late requests for an AUDIT grade option will be accepted after the first week of school (as according to school policy).

**Attendance Policy**  Students are not graded based on attendance; however, it is important to attend class as there will be information given that may not be included in the textbook. Also, attendance is important for graded in-class group activities, namely the worksheets, and non-graded handout activities.

**ADA Statement**  Students who experience disability-related barriers should contact Disability Services: [www.pcc.edu/disability](http://www.pcc.edu/disability).

If students elect to use approved academic adjustments, they must provide, in advance, formal notification from Disability Services to the instructor.
Students are required to comply with the Student Rights and Responsibilities Handbook. Included are policies on Students Rights, Student Conduct, Grade Appeal, Academic Integrity, Consensual Relationship Statement, and Children on PCC properties.

http://www.pcc.edu/about/policy/student-rights/

Flexibility Statement
The instructor reserves the right to modify course content and/or substitute assignments and learning activities in response to institutional, weather, or class situations.

Email communications
Because of federal privacy laws, all email communications related to this class need to be sent from and to your PCC email address. You may access your PCC email via MyPCC. Please visit me during my office hours if you are unfamiliar with MyPCC.

PCC’s policies on nondiscrimination and nonharassment
Under this policy, equal opportunity for employment, admission, and participation in the College’s programs, services, and activities will be extended to all persons, and the College will promote equal opportunity and treatment through application of this policy and other College efforts designed for that purpose. Under the College’s policy, harassing, discriminatory, or retaliatory behaviors will not be tolerated.

http://www.pcc.edu/about/affirmative-action/nonharassment.html
Course Evaluations
Near the end of the term, students are encouraged to complete course evaluations by answering online questions about the class and the instructor. You will receive a PCC email notification when the evaluations become available. You are strongly encouraged to complete the evaluations to provide me feedback on the course and my teaching.

Auditory or Visual Recording
Students who wish to make an auditory or visual recording of any portion of the class must speak with the instructor ahead of time. Any such recording is for personal use only. It may not be shared, copied, uploaded to the Internet, and/or distributed without written permission from the instructor as well as any student who appears or is heard in the recording.

Resources For Students:

- Student Computing Center (SY Library, 971-722-4325)
  - internet access, mathematics computer programs
  Visit the following address for more information
  http://www.pcc.edu/resources/computer-labs/

Among other services, you have been allocated 100 double-sided pages of free printing for the term. Visit the following address for more information on printing services.
  http://www.pcc.edu/resources/printing/

- Multicultural Center (SY CC 202, 971-722-4112)
  - one-on-one help for math courses, drop-in or by appointment
  http://www.pcc.edu/resources/culture/

- Student Learning Center (SY Library, 971-722-4540)
  An informal, open study area, with the added benefit of free tutoring assistance. The Math Center resides here. For more information:
  http://www.pcc.edu/resources/tutoring/sylvania/student-success/math-center/
Resources continued

- **College Success Courses**
  There are several one credit courses available to help you find maximum success in your college experience. These include courses specifically geared to study skills. The following site offers information on these courses as well as on-line tips for success at PCC.
  
  [http://www.pcc.edu/resources/panther-tracks/college-success/study-skills.html](http://www.pcc.edu/resources/panther-tracks/college-success/study-skills.html)

- **Counseling Services (SY CC 216, 971-722-4531)**
  Get help dealing with personal or career concerns that may be impacting your academic success. Trained professional counselors can also assist you with decision-making, goal-setting, and personal development.
  
  [http://www.pcc.edu/resources/counseling/sylvania.html](http://www.pcc.edu/resources/counseling/sylvania.html)

- **Calculator Handbooks**
  Revised handbooks for TI-89, TI-Voyage 200, and the Casio ClassPad 330 are available for download at [http://spot.pcc.edu/academ/math/download.htm](http://spot.pcc.edu/academ/math/download.htm)

- **Veterans Resource Center (SY CC 246, 971-722-8793)**
  Relax, connect, computer workstations, work study and volunteer opportunities, and more. For additional information:
  
  [http://www.pcc.edu/resources/veterans/sylvania](http://www.pcc.edu/resources/veterans/sylvania)

- **Womens Resource Center (SY CC 268, 971-722-8101)**
  A wide variety of services that support the academic achievement of women:
  
  [http://www.pcc.edu/resources/women/sylvania](http://www.pcc.edu/resources/women/sylvania)
Links

Grading Guidelines:
http://www.pcc.edu/resources/student-records/grading/

Adding/Dropping:  http://www.pcc.edu/registration/dropping.html

Grading Options:   http://www.pcc.edu/registration/grading-policy/

Student Rights and Responsibilities:
http://www.pcc.edu/about/policy/student-rights/

Code of Conduct:   http://catalog.pcc.edu/policies/codeofstudentconduct/

Academic Integrity: http://catalog.pcc.edu/policies/academicintegritypolicy/

Course Content:
http://www.pcc.edu/ccog/default.cfm?fa=ccog&subject=MTH&course=112

Student Computing Center: http://www.pcc.edu/resources/computer-labs/

Printing Resources:  http://www.pcc.edu/resources/printing/

Multicultural Center: http://www.pcc.edu/resources/culture/

Tutoring:           http://www.pcc.edu/resources/tutoring/

College Success Courses:
http://www.pcc.edu/resources/panther-tracks/college-success/study-skills.html

Calculator Handbooks: http://spot.pcc.edu/academ/math/download.htm

Affirmative Action:  http://www.pcc.edu/about/affirmative-action/nonharassment.html
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