MAT 106-020: Trigonometry – 2017 Spring Semester
MWF 10:00 a.m. – 10:50 a.m.; Lytle Hall, Room 203

Instructor: Mr. Stephen Fowler
Office: Lytle Hall, Room 138
Phone: 610-683-4411 (campus phone 3-4411)
Email: fowler@kutztown.edu
Website: http://faculty.kutztown.edu/fowler (NOTE: There is no “www” in the URL.)

Office Hours: M: 9:00 a.m. – 10:00 a.m.
T: 9:00 a.m. – 11:00 a.m.
W: 9:00 a.m. – 10:00 a.m.; 11:00 a.m. – 12:00 p.m.
Additional hours may be available by appointment.

Overview: This course is intended for students with an elementary knowledge of algebra who need more work in trigonometric topics before taking more advanced mathematics courses. Topics include: properties of and operations with functions; inverse functions; exponential and logarithmic functions; angle measurement; trigonometric functions and their inverses; graphing functions; and problem-solving with equations that use the functions covered in the course. This course cannot be used by Mathematics majors to fulfill Mathematics major program requirements.

Prerequisites: MAT 105 (College Algebra), SAT Math score of 500, or ALEKS placement test score of 61.

Materials:

Calculator: A graphing calculator is required for this course; a TI-84 is recommended.

Topics: Refer to the “Overview” section above; order and pace of coverage will be determined as the course progresses. Additional topics may be covered as deemed appropriate and time permitting.

Attendance: Attendance at each class meeting is required; tardiness will not be tolerated. In the event of any absence, it is the responsibility of the student to obtain class notes, handouts, and any information missed during class.

Assessments: Exams, quizzes (including possible “pop” quizzes), homework assignments, projects, and/or presentations may be assigned for grades throughout the course. Topics covered will come from class discussions, handouts, textbook readings, and previous assignments. Assessments may be in-class or out and may be individual or group in nature. The length and point value of each assessment will vary depending on the material covered. Exact dates of and topics covered on each assessment will be determined as the course progresses. No make-up opportunities will be provided if a student fails to submit or is absent from a written assessment, and late submissions will not be accepted, except as specifically addressed below.

Make-Ups: Absences due to extenuating circumstances (e.g., serious illness, death in the family, call to active military duty, municipal court date, etc.) MAY be considered excused with valid documentation AND approval of the instructor; the instructor has the final say in all such cases. In the event of a valid excuse, a maximum of one week will be granted to complete any graded assessment(s) missed during the absence; failure to do so will result in a grade of zero for that assessment.

Final Exam: A comprehensive final exam will be given in accordance with the university final exam schedule. The final exam for this class will be held in the regular classroom and is scheduled for the following date and time:

MONDAY, MAY 8, 2017, 11:00 A.M. – 1:00 P.M.

All students must take the final exam during the regularly scheduled time slot as dictated by the university's master schedule; students may not take the final exam at any other time. No make-up opportunities will be provided if a student is absent from the final exam.
Other Grades: There will be no extra credit assignments for this course.Bonus opportunities may be provided on individual assessments as deemed appropriate by the instructor and may cover any topics at all, whether or not they pertain directly to this course.

There will be no numerical grade assigned to class participation or attendance for this course. Class participation and attendance will count toward the final grade as discussed in class; please keep in mind that you must be present and actively involved to receive positive marks for class participation.

Course Grade: The final course grade will be computed by dividing the total number of points earned by the total number of points possible to determine a percent grade. Final letter grades are assigned using the following scale:

<table>
<thead>
<tr>
<th>Percentage Range</th>
<th>Grade</th>
<th>GPA</th>
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</thead>
<tbody>
<tr>
<td>93.00% and above</td>
<td>A</td>
<td>4.00</td>
</tr>
<tr>
<td>90.00% to 92.99%</td>
<td>A-</td>
<td>3.67</td>
</tr>
<tr>
<td>87.00% to 89.99%</td>
<td>B+</td>
<td>3.33</td>
</tr>
<tr>
<td>83.00% to 86.99%</td>
<td>B</td>
<td>3.00</td>
</tr>
<tr>
<td>80.00% to 82.99%</td>
<td>B-</td>
<td>2.67</td>
</tr>
<tr>
<td>77.00% to 79.99%</td>
<td>C+</td>
<td>2.33</td>
</tr>
<tr>
<td>70.00% to 76.99%</td>
<td>C</td>
<td>2.00</td>
</tr>
<tr>
<td>60.00% to 69.99%</td>
<td>D</td>
<td>1.00</td>
</tr>
<tr>
<td>Below 60%</td>
<td>F</td>
<td>0.00</td>
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Dishonesty: Students are expected to adhere to the official KU Academic Honesty Policy as printed in The Key (the student handbook), discussed at Freshmen orientation. The Key can be found on the following website:

http://publications.app.kutztown.edu/thekey

In sum, any act of dishonesty will result in severe penalties including a grade of zero for each assessment in question and submission of the KU Academic Dishonesty Report Form to university administration, which may lead to further sanctions as severe as expulsion from Kutztown University.

Special Needs: All reasonable requests to accommodate students with special needs will be honored only with prior valid documentation and by formal request of the instructor by the student in need in accordance with the official policy as set forth by Kutztown University Disability Services, located in the Disability Services Office at 215 Stratton Administration Building. The official university policy is discussed on the following website:

http://www.kutztown.edu/about-ku/administrative-offices/disability-services.htm

Special accommodations granted to eligible students will be restricted to only those listed on the official documentation from Disability Services. In order to be an effective tool for this course, all necessary documentation should be obtained as early as possible in the semester as special services are not retroactive. All issues pertaining to students with disabilities will be treated as confidential.

Extra Help: It is imperative that students focus on assignments and class discussions to succeed. If you experience difficulty with any aspect of the course, please do not hesitate to seek assistance. Students are encouraged to make use of office hours, Academic Enrichment and Tutoring Services (including the Math Lab), the Mathematics Department’s IBL Math Lab, peer study groups, and all other available services as necessary.

Miscellaneous: All cellular and smart phones, PDAs, and any other communications devices are to be turned off or silenced, not set to vibrate, and all iPods, MP3 players, DVD players, and any other entertainment devices as well as all digital watch alarms are to be turned off for the duration of each class meeting. Text messaging and accessing Facebook, Twitter, Instagram, Pinterest, or any other social networking service during class time are prohibited. If a class meeting takes place in a computer lab, personal email, instant messaging, playing video games, and all other activities not directly related to class are to be curtailed.

Each class meeting begins and ends on cue from the instructor, not based on any internal or external time pieces. Students are expected to be respectful and courteous to the instructor and each other at all times.

Violation of any of these regulations may result in dismissal from class; repeated offenses may result in removal from the course.