This class has mandatory online homework and a common departmental final exam. Calculators will not be allowed during the final exam. For more information on these and other policies, read this syllabus in detail and view the course information posted in the ‘Course/Final Exam Info’ section at https://faculty.unlv.edu/bellomo/CourseInfo/CourseInfo.html.

CLASS INFORMATION:
- Semester and Year: Fall 2017
- Course Number: Math 128
- Course Section: 1001
- Lecture Times: MoWe 1:00PM-2:20PM Fr 1:00PM-3:00PM
- Lecture Location: MoWe BEH 123 Fr CBC A110

INSTRUCTOR INFORMATION:
- Name: Gary Phelps
- Office Location: CDC710
- Office Phone: 8955173
- Email: phelpsg2@unlv.nevada.edu
- Instructor Web Page: faculty.unlv.edu/gphelps
- Office Hours: M W 3:30PM-5:00PM
- Dept Phone: (702) 895-3567
- Dept Web Page: http://www.unlv.edu/math
- Other:

COURSE DESCRIPTION:
- Relations, functions, and their graphs; polynomial, rational, exponential, logarithm, and trigonometric functions; analytic trigonometry; systems of equations and inequalities; conics; mathematical induction; sequences and series. A combination of Math 126 and Math 127. 5 credits. Duplicate credits cannot be earned in any two of Math 124/126/128 or Math 127/128.

PREREQUISITES for the COURSE:
- Four years of high school mathematics at the level of algebra and above and a satisfactory score on the Math Placement Test, or a minimum score of 25 on the ACT, or a minimum score of 560 on the SAT, or a C or better in Math 096 or equivalent.

COURSE MATERIALS:
- Required Text: Precalculus (custom 6th edition) by Stewart; Cengage.
- Required Account: WebAssign (http://www.webassign.net/)
- Suggested Calculator: A non-programmable, non-graphing scientific calculator is recommended (calculator with trig functions, exponentials and logs) but will not be allowed during the final exam. See “calculator policy” for additional details.

SPECIAL NOTE:
- During full semesters (fall and spring), students enrolled in Math 095 through Math 182 are required to attend a mandatory presentation regarding the online evaluations, tutor clinic and other tutoring options offered. Your instructor will provide you with specific details.
EVALUATION AND GRADE ASSIGNMENT:

<table>
<thead>
<tr>
<th>Weight</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>10% -or- 15%</td>
<td>Online Homework [10% for on-campus classes -or- 15% for distance education classes]</td>
</tr>
<tr>
<td>30%</td>
<td>Cumulative Final Exam*</td>
</tr>
<tr>
<td>10%</td>
<td>Homework</td>
</tr>
<tr>
<td>10%</td>
<td>quizzes</td>
</tr>
<tr>
<td>40%</td>
<td>Hour Exams, 3 equally weighted</td>
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</tbody>
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* The Final Exam for all Math 128 sections will be a 2-hour comprehensive common exam administered on **Dec 11, 2017 at 1:00 PM to 3:00 PM**. The auditorium location will be announced towards the end of the term. All students must attend – absolutely no make-ups or re-scheduling allowed. No calculators or formula cards permitted during the final exam.

* Your final exam will contain assessment questions common to all sections of this course. No calculators or formula cards will be permitted on the tests/exam.

Letter grades will be assigned according to the following scale: A 93-100, A- 90-92.9, B+ 87-89.9, B 83-86.9, B- 80-82.9, C+ 77-79.9, C 73-76.9, C- 70-72.9, D+ 67-69.9, D 63-66.9, D- 60-62.9, F below 60.

Extra credit will not be permitted on final grades, or the final examination.

TOPICAL OUTLINE:

Book Chapters 1 through 11.

LEARNING OUTCOMES:

In addition to the listed outcomes, we expect students to have mastered or continue to hone their expertise in algebraic manipulations. All assessment questions should be considered tests of the appropriate use of these (and prerequisite) algebraic skills. The included outcomes below are only a subset of the objectives covered in the course.

- Find the equation of a line given its graph
- Identify domain restrictions of square root and rational functions
- Find the equation of a line given data (either two points, slope and one point, a point and a parallel line, a point and a perpendicular line, etc.)
- Evaluate and graph a piecewise function
- Combine functions (multiplication, division, addition and subtraction and composition)
- Identify whether a given function is odd, even or neither
- Operate on complex numbers (add, subtract, multiply, divide, find the conjugate)
- Define and use the quadratic formula to find the roots of a quadratic equation
- Determine the characteristics of a quadratic function (axis of symmetry, roots, vertex, etc.)
- Solve non-linear inequalities
- Determine what happens to a given polynomial as the independent variable tends to positive and negative infinity
- Find an inverse function of another, given function and its domain and range
- Find the domain and range of a log function
- Solve exponential equations with different bases by utilizing logs
- Find the equation involving half life or doubling time given context of model
- Solve a system of two linear equations and two unknowns
- Use the properties of the unit circle to define and graph trigonometric functions
- Use angle measures in both degrees and radians
– Use trigonometric ratios in applications of the right triangle
– Define the trigonometric functions of angles
– Apply the law of sines and the law of cosines to solve non-right triangles
– Recall a variety of trigonometric identities
– Graph inverse trigonometric functions and solve trigonometric equations
– Convert between rectangular and polar coordinates
– Graph polar equations and complex numbers in polar form
– State de Moivre’s theorem
– Describe and perform operations of vectors in the coordinate plane
– Graph parabolas, ellipses, hyperbolas, shifted conics, and plane curves

COURSE SCHEDULE:

CLASS POLICIES:

ATTENDANCE:
Attendance is a mandatory component of all on-campus classes, and will be taken daily.

CALCULATOR/TECHNOLOGY:
Calculators will not be permitted on the final exam. At no time during classroom instruction or assessments may you use cell phones, laptops, ipods (or similar such devices), nor are you permitted to share a device with another student.

ACADEMIC INTEGRITY:
Academic integrity is a legitimate concern for every member of the campus community; all share in upholding the fundamental values of honesty, trust, respect, fairness, responsibility and professionalism. By choosing to join the UNLV community, students accept the expectations of the Student Academic Misconduct Policy and are encouraged when faced with choices to always take the ethical path. Students enrolling in UNLV assume the obligation to conduct themselves in a manner compatible with UNLV’s function as an educational institution.

An example of academic misconduct is plagiarism. Plagiarism is using the words or ideas of another, from the Internet or any source, without proper citation of the sources. See the Student Academic Misconduct Policy (approved December 9, 2005) located at: http://studentconduct.unlv.edu/misconduct/policy.html.

While the UNLV Department of Mathematical Sciences encourages students to collaborate with peers, there is a distinction between verbal collaboration and copying. Specifically – it is not acceptable to “divide” work, and it is not acceptable to use another persons’ hard work (current or former student, teaching assistant, or tutor) as your own. Further, if you feel you are being misguided, it is your responsibility to report this to your instructor before testing, so they can correct the situation and give you proper clarification.

Academic dishonesty will not be tolerated; the College of Sciences emphasizes zero tolerance for academic dishonesty. All acts of academic dishonesty may result in: automatic zero on the assignment, F in the course, disciplinary review, revoking of degree, probation, expulsion, etc.

HOMEWORK:
Homework will be assigned and graded using WebAssign. The necessary account information is included with new textbooks. Students who purchase used textbooks may purchase an Access Code at http://www.webassign.net/. Further information will be provided on the first day of class. For
Technical Support, students may call toll-free at 1-800-955-8275, M-F 9:00 am - 8:00 pm, EST. The Class Key for this course is unlv 7863 4306.

Students are expected to do all of the exercises assigned. Students are also responsible for all textbook and in-class examples. This class is homework intensive. If you don’t plan to do the homework, don’t plan to pass the course.

MAKE-UP POLICY:
Make-up hour exams will not be given. If you miss an exam for any reason your final exam grade will replace the zero resulting from your missing the exam. Homework is to be handed in at the beginning of class on the assigned due date.

ASSESSMENTS/TESTING:
Test days you will arrive on time, and minimize the amount of clutter you bring into the classroom. Leave all electronic devices in your home or automobile; if it is necessary to carry them for emergency purposes, they should be turned OFF before the assessment begins. If you create a disturbance with an electronic item (even in vibrate mode) you may receive a zero on that assessment. Bring a photo id to all tests (especially the final exam), you may be asked to provide proof of identification. Calculators and formula cards will not be permitted on the final exam.

TUTORING:
Tutoring through the Department of Mathematical Sciences is available for this course – this includes Coaching Labs and Course Specific Labs, and a walk in tutoring clinic held in CDC-7. For more information including location and hours please call (702) 895-3567 or email math@unlv.edu. Additional free and pay tutoring is available in the Academic Success Center, http://academicsuccess.unlv.edu/tutoring. Monday to Friday Tutoring is available in CDC Building 7 until 5:00 PM.

UNIVERSITY POLICIES:
(1) The UNLV Disability Resource Center (SSC-A 143, http://drc.unlv.edu/, 702-895-0866) provides resources for students with disabilities. If you feel that you have a disability, please make an appointment with a Disabilities Specialist at the DRC to discuss what options may be available to you. If you are registered with the UNLV Disability Resource Center, bring your Academic Accommodation Plan from the DRC to the instructor during office hours so that you may work together to develop strategies for implementing the accommodations to meet both your needs and the requirements of the course. Any information you provide is private and will be treated as such. To maintain the confidentiality of your request, please do not approach the instructor in front of others to discuss your accommodation needs.

(2) Any student missing class quizzes, examinations, or any other class or lab work because of observance of religious holidays shall be given an opportunity during that semester to make up missed work. The make-up will apply to the religious holiday absence only. It shall be the responsibility of the student to notify the instructor no later than the end of the first two weeks of classes of his or her intention to participate in religious holidays which do not fall on state holidays or periods of class recess. For additional information, please visit: http://catalog.unlv.edu/content.php?catoid=6&navoid=531.

(3) Copyright – The University requires all members of the University Community to familiarize themselves with and to follow copyright and fair use requirements. You are individually and solely responsible for violations of copyright and fair use laws. The university will neither protect
nor defend you nor assume any responsibility for employee or student violations of fair use laws. Violations of copyright laws could subject you to federal and state civil penalties and criminal liability, as well as disciplinary action under University policies. Additional information can be found at: http://www.unlv.edu/provost/copyright.

(4) By policy, faculty and staff should e-mail students’ Rebelmail accounts only. Rebelmail is UNLV’s official e-mail system for students. It is one of the primary ways students receive official university communication such as information about deadlines, major campus events, and announcements. All UNLV students receive a Rebelmail account after they have been admitted to the university. Students’ e-mail prefixes are listed on class rosters. The suffix is always @unlv.nevada.edu. Emailing within WebCampus is acceptable.

(5) One-on-one or small group assistance with writing is available free of charge to UNLV students at the Writing Center, located in CDC-3-301. Although walk-in consultations are sometimes available, students with appointments will receive priority assistance.

Appointments may be made in person or by calling 895-3908. The student’s Rebel ID Card, a copy of the assignment (if possible), and two copies of any writing to be reviewed are requested for the consultation. More information can be found at: http://writingcenter.unlv.edu/

(6) The grade of I – Incomplete – can be granted when a student has satisfactorily completed three-fourths of course work for that semester/session but for reason(s) beyond the student’s control, and acceptable to the instructor, cannot complete the last part of the course, and the instructor believes that the student can finish the course without repeating it. The incomplete work must be made up before the end of the following regular semester for undergraduate courses. Graduate students receiving “I” grades in 500-, 600-, or 700-level courses have up to one calendar year to complete the work, at the discretion of the instructor. If course requirements are not completed within the time indicated, a grade of F will be recorded and the GPA will be adjusted accordingly. Students who are fulfilling an Incomplete do not register for the course but make individual arrangements with the instructor who assigned the I grade.

(7) The University requires that final exams given at the end of a course occur at the time and on the day specified in the final exam schedule. See the schedule at: http://www.unlv.edu/registrar/calendars

GUIDELINES FOR COURTESY AND RESPECT:
I would like to welcome all students into an environment that creates a sense of community pride, courtesy, and respect; we are here to work cooperatively and to learn together.

In order to create a smooth and harmonious learning community, please make every attempt to come to all the class sessions, to come to class on time, and to stay until the end of the meeting. There may be a time when you are unavoidably late for class. In that case, please come into the room quietly and choose a seat closest to the entrance. Once the class session has begun, please do not leave the room and then re-enter unless it is an emergency.

It is important that we are all able to stay focused on the class lecture/discussion. For this reason, only one person at a time in the class should be speaking. Side conversations are distracting for surrounding students and for the professor. All electronic devices should be turned off BEFORE entering the room. You must have instructor permission for use of a laptop, and it is only to be used for instructional purposes.

As you can see, simple norms of courtesy should be sufficient to have our class run in the best interests of all. Any student considered to be a distraction to the learning environment may be asked to leave the classroom at any time. Any student who is continually a distraction to the learning environment may be administratively dropped. Thank you in advance for your cooperation.
OTHER INSTRUCTOR POLICIES: