Math 1314 College Algebra  
Department of Mathematics & Statistics  
Fall 2015

A. COURSE INFORMATION

Course number/section: Math 1314.019  
Class meeting time: MWF 12:00 PM – 12:50 PM  
Class location: IH-157  
Course Website: https://bb9.tamucc.edu/

B. INSTRUCTOR INFORMATION

Instructor: Dr. Paula Kenney-Wallace  
Office location: Hammerhead Portable Building, Room #5  
Office hours: MW 10: 00 – 10:45 AM (in CI-222);  
MW 1:45 – 2:00 PM (in CI-223); MW 4:45 – 5:15 PM (in CI-223);  
TR 11:00 AM – 12:00 (noon) PM  
Telephone: 361.825.3374  
e-mail: Paula.Kenney-Wallace@tamucc.edu  
Appointments: additional times available by appointment

C. COURSE DESCRIPTION

Catalog Course Description  
The course continues the development of algebra from Math 0399, Intermediate Algebra. A review of properties of numbers and linear equations and inequalities is included. Topics are quadratic equations and inequalities, graphs, logarithms, and exponential, solutions of polynomial equations, systems of equations, and matrices.

D. PREREQUISITES AND COREQUISITES

Prerequisites  
Math 0399, Intermediate Algebra, or placement into College Algebra.

E. REQUIRED TEXTBOOK(S), READINGS AND SUPPLIES

Required Textbook(s)  
College Algebra by Lial. Hornsby, Schneider. 11th Ed. You do need MyMathLab (sometimes called MyLabsPlus) access that should have come bundled with the book or can be bought as a standalone access card. Through the internet homework system you get access to the .pdf files for the textbook, but at the end of the semester this access ceases. Some students have managed to work with just the online materials; it is your call whether you want to buy the book. A graphing calculator is required for this class. I will support the TI-83/84 Plus, but in general you can use any graphing calculator. Any class demonstrations
will be done with a TI-83. The homework is in MyLabsPlus, found at http://tamucc.mylabsplus.com/. To register you need the MyLabsPlus access card that was bundled with the book. You may print out the online homework, but don’t have to do so. A student Solutions manual is available for sale in the bookstore.

**Supplies**

MyLabsPlus access card, TI-83/84 Plus Graphing Calculator, pencils, erasers, loose leaf notebook paper and/or spiral notebook for note taking and a 3-ring binder for homework and notes organization.

**F. STUDENT LEARNING OUTCOMES AND ASSESSMENT**

Assessment is a process used by instructors to help improve learning. Assessment is essential for effective learning because it provides feedback to both students and instructors. A critical step in this process is making clear the course’s student learning outcomes that describe what students are expected to learn to be successful in the course. The student learning outcomes for this course are listed below. By collecting data and sharing it with students on how well they are accomplishing these learning outcomes students can more efficiently and effectively focus their learning efforts. This information can also help instructors identify challenging areas for students and adjust their teaching approach to facilitate learning.

Upon successful completion of this course, students will:

1. Demonstrate and apply knowledge of properties of functions, including domain and range, operation, compositions, and inverses.
2. Recognize and apply polynomial, rational, radical, exponential, and logarithmic functions and solve related equations.
3. Apply graphing techniques.
4. Evaluate all roots of higher degree polynomial and rational functions.
5. Recognize, solve and apply systems of linear equations using matrices.

**G. INSTRUCTIONAL METHODS AND ACTIVITIES**

Methods and activities for instruction include lecture by the instructor and participation by the students by doing problems in class.

**H. MAJOR COURSE REQUIREMENTS AND GRADING**

Students will be assessed by performance on homework assignments in MyLabsPlus and on the completeness of those assigned homework problems in their notebooks. Students will further be assessed through four unit exams throughout the semester and a cumulative comprehensive course final exam at the end of the semester. Student daily attendance in class
is mandatory and will be recorded for each class meeting.

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>% of FINAL GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Unit Exams</td>
<td>60%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25%</td>
</tr>
<tr>
<td>Homework (online in MLP &amp; notebook checks)</td>
<td>10%</td>
</tr>
<tr>
<td>Attendance</td>
<td>5%</td>
</tr>
</tbody>
</table>

I. COURSE CONTENT/SCHEDULE

<table>
<thead>
<tr>
<th>DATE (BY DAY OR WEEK)</th>
<th>TOPIC</th>
<th>CHAPTER(S)</th>
<th>ASSIGNMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>Syllabus &amp; R1</td>
<td>Review</td>
<td>homework</td>
</tr>
<tr>
<td>Week 2</td>
<td>1.1 1.2 1.3</td>
<td>1</td>
<td>homework</td>
</tr>
<tr>
<td>Week 3</td>
<td>1.4 1.5 1.6</td>
<td>1</td>
<td>homework</td>
</tr>
<tr>
<td>Week 4</td>
<td>1.7 1.8</td>
<td>1</td>
<td>homework</td>
</tr>
<tr>
<td>Week 5</td>
<td>Exam 1</td>
<td>1</td>
<td>Review &amp; Test</td>
</tr>
<tr>
<td>Week 6</td>
<td>2.1 2.2 2.3 2.4</td>
<td>2</td>
<td>homework</td>
</tr>
<tr>
<td>Week 7</td>
<td>2.5 2.6 2.7 2.8</td>
<td>2</td>
<td>homework</td>
</tr>
<tr>
<td>Week 8</td>
<td>Exam 2</td>
<td>2</td>
<td>Review &amp; Test</td>
</tr>
<tr>
<td>Week 9</td>
<td>3.1 3.4 3.5 3.6</td>
<td>3</td>
<td>homework</td>
</tr>
<tr>
<td>Week 10</td>
<td>4.1 4.2 4.3</td>
<td>4</td>
<td>homework</td>
</tr>
<tr>
<td>Week 11</td>
<td>4.4 4.5 4.6</td>
<td>4</td>
<td>homework</td>
</tr>
<tr>
<td>Week 12</td>
<td>Exam 3</td>
<td>3 &amp; 4</td>
<td>Review &amp; Test</td>
</tr>
<tr>
<td>Week 13</td>
<td>5.1 5.2 5.3 5.7 5.8</td>
<td>5</td>
<td>homework</td>
</tr>
<tr>
<td>Week 14</td>
<td>Exam 4</td>
<td>5</td>
<td>Review &amp; Test</td>
</tr>
<tr>
<td>Week 15</td>
<td>Final Exam Review</td>
<td>1,2,3,4,5</td>
<td>Review for Final</td>
</tr>
<tr>
<td>Final Exam-TBA*</td>
<td>Common 1314 Final Exam</td>
<td>1,2,3,4,5</td>
<td>Final Exam</td>
</tr>
</tbody>
</table>

*Common Math 1314 Final Exam Date & Time: Friday, December 4 @ 2:00 PM– 4:30 PM

Note: Changes in this course schedule may be necessary and will be announced to the class by the Instructor. The assignments and exams shown are directly related to the Student Learning Outcomes described in Section F.
**Fall 2015 Important Deadlines/Holidays:**

<table>
<thead>
<tr>
<th>Day/Date</th>
<th>Deadline/Holiday</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday, September 7</td>
<td>Labor Day Holiday---No Classes</td>
</tr>
<tr>
<td>Friday, November 6</td>
<td>Last Day to Drop a Class</td>
</tr>
<tr>
<td>Thursday, November 26 &amp;</td>
<td>Thanksgiving Holiday---No Classes</td>
</tr>
<tr>
<td>Friday, November 27</td>
<td></td>
</tr>
<tr>
<td>Monday, November 30</td>
<td>Last Day of Class for MWF Classes</td>
</tr>
</tbody>
</table>

**J. COURSE POLICIES**

**Attendance/Tardiness**

Attendance is mandatory. Attendance will be checked each class period and each absence after 3 times (4th, 5th, and 6th) will result in one letter grade lower. Please save absences for emergencies. Attendance will be taken at the beginning of class, so do not be more than 5 minutes tardy; however, if you leave class early, you will be counted absent.

**Late Work and Make-up Exams**

If you miss an exam or have late work, you will need to provide documentation to the office of the Dean of Student Services for your absence. Only upon notification from their office that the absence was excused, will late work be accepted or a makeup exam and time be determined. Makeup tests will only be given once per student. There is no makeup final exam. If the final exam is missed, you will receive an “F” for the semester grade; you must take the final exam on the official scheduled “common math 1314 college algebra” final exam date.

**Extra Credit**

There is no extra credit in this course.

**Cell Phone Use**

Cell phone use in this class is prohibited, make sure it is off, or on silence, and put away in your purse or backpack. You will be asked to leave, if your cell phone is out. If your phone is out during a test, this is considered cheating, which is prohibited, and you will receive an “F” for the semester grade.

**Laptop Use**

You will not need your laptop during class, so do not bring it.
Food in Class
You may bring food or drinks into class, but you are responsible for clean up.
You may NOT bring any tobacco products into this class, as per university policy.

Missed Exam
If you miss an exam, you will need to provide documentation to the office of the Dean of Student Services for your absence. Only upon notification from their office that the absence was excused, will a makeup exam and time be determined.

Participation
In order to be successful in this course, students are required to take an active role in their learning by attending each class, taking notes, completing homework and other preparatory assignments daily, and by keeping an organized notebook/binder with notes and completed problems. Students should expect to spend time outside of class completing homework assignments and should attend instructor office hours for questions or any difficulty in completing those assignments. Students should also use their study plans in MyLabsPLus as a resource to complete their study process.

Others
- You are the only person responsible to drop the class and are responsible to stay informed of any changes for tests and room changes. All the changes will be announced in the class.
- You may email me for help any time, but not the night before the scheduled test and not to postpone the test.
- I respect your request by email and I will answer it in my best convenient time.

K. COLLEGE AND UNIVERSITY POLICIES

- Academic Integrity (University)
  University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in a failing grade.

- Classroom/Professional Behavior
  Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct, classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to
disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

- **Statement of Civility**
  Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

- **Deadline for Dropping a Course with a Grade of W (University)**
  The grade of W will be assigned to any student officially dropping a course. Please consult with the instructor before you decide to drop to be sure it is the best thing to do. Just stopping attendance and participation **WILL NOT** automatically result in your being dropped from the class. Should dropping the course be the best course of action, visit the Office of the University Registrar for the Course Drop Form that **must** submitted. No student is eligible to receive a W without completing the official drop process by this deadline. Please consult the Academic Calendar ([http://www.tamucc.edu/academics/calendar/](http://www.tamucc.edu/academics/calendar/)) for the last day to drop a course.

- **Grade Appeals (College of Science and Engineering)**
  As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules website at [http://www.tamucc.edu/provost/university_rules/index.html](http://www.tamucc.edu/provost/university_rules/index.html), and the College of Science and Engineering Grade Appeals webpage at [http://sci.tamucc.edu/students/GradeAppeal.html](http://sci.tamucc.edu/students/GradeAppeal.html). For assistance and/or guidance in the grade appeal process, students may contact the chair or director of the appropriate department or school, the Office of the College of Science and Engineering Dean, or the Office of the Provost.

- **Disability Services**
  The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that
provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call (361) 825-5816 or visit Disability Services in Corpus Christi Hall 116.

If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

http://disabilityservices.tamucc.edu/

• Statement of Academic Continuity
In the event of an unforeseen adverse event, such as a major hurricane and classes could not be held on the campus of Texas A&M University–Corpus Christi; this course would continue through the use of Blackboard and/or email. In addition, the syllabus and class activities may be modified to allow continuation of the course. Ideally, University facilities (i.e., emails, web sites, and Blackboard) will be operational within two days of the closing of the physical campus. However, students need to make certain that the course instructor has a primary and a secondary means of contacting each student.

• Other Important Policies
  • Students are expected to attend each class meeting.
  • Students are expected to purchase the MyMathLab access code before the temporary access expires
  • Students are expected to work on homework outside of class.
  • Students are expected to keep all worked problems in a notebook or binder in an organized format.

L. OTHER INFORMATION

• Academic Advising
The College of Science & Engineering requires that students meet with an Academic Advisor as soon as they are ready to declare a major. The Academic Advisor will set up a degree plan, which must be signed by the student, a faculty mentor, and the department chair. Meetings are by appointment only; advisors do not take walk-ins. Please call or stop by the Advising Center to check availability and schedule an appointment. The College’s Academic Advising Center is located in Center for Instruction 350 or can be reached at (361) 825-3928.

GENERAL DISCLAIMER
I reserve the right to modify the information, schedule, assignments, deadlines, and course policies in this syllabus if and when necessary. I will announce such changes in a timely
manner during regularly scheduled lecture periods.