MAC 1105 College Algebra
Fall Term 2016 (Term #0520)

INSTRUCTOR:

Name: Tim Holton
E-mail: holton.tim@spcollege.edu
Office Phone: 727-743-1357
Office Hours/Instructor Availability: before and after class by appointment, also see tutoring schedule
Location: SE-UP-216 (our classroom)

ACADEMIC DEPARTMENT:

The Dean and Department Chair are available to answer questions about math-related academic requirements. Concerns or issues specifically related to this class should first be discussed with the instructor before contacting the Dean or Department Chair for assistance.

Academic Chair: Lisa Borzewski   **Dean: Jimmy H. Chang**
Office Location: UP 337F   **Office Location: SP/G SA-215**
Office Phone: 727-394-6170   **Office Phone: 727-341-4305**

COURSE INFORMATION:
Course Prerequisites
Prerequisite: MAT 1033 or appropriate score on the mathematics placement test.

Course Materials (Access/Textbook)
A MyMathLab Access Code is required to participate in this course. The access code includes access to MyMathLab, an online copy of the textbook, an online copy of the student's solutions manual, a multi-media library including lecture videos, and more. The textbook used in this course is College Algebra Essentials 4th ed. by Blitzer.

ISBN-13: 978-0321199911 **(MyMathLab Access Code only)**

The MyMathLab course ID for this class is _____.

IMPORTANT: If you are currently unable to purchase an Access Code -or- you are waiting for your Access Code, you can still register with MML and begin your course work on the first day of classes. Pearson allows all students a grace period before an Access Code is required. Please get started on your course work right away.

Calculators
Scientific calculators are allowed, but a graphing calculator (TI-83, TI-84, TI-84+) is strongly recommended. However, certain models (TI-89's, TI-92's, TI-Nspire, etc...) are not allowed on quizzes, tests, or exams.

Course Description
Major topics include: functions and functional notation; domains and ranges of functions; graphs of functions and relations; operations on functions; inverse functions; linear, quadratic and rational functions; absolute value and radical functions; exponential and logarithmic properties, functions and equations; systems of equations and inequalities; applications such as curve fitting, modeling, optimization, exponential and logarithmic growth and decay.

Course Objectives
1. The student will demonstrate knowledge of fundamental concepts of algebra when determining characteristics and properties of relations and functions and performing processes.
2. The student will demonstrate the ability to solve and graph a variety of equations and inequalities, relations and functions
3. The student will demonstrate understanding of the concepts of this course.

Course Links

MyCourses Log In: https://mycourses.spcollege.edu/

SPC Student HelpDesk (for Technical Support with MyCourses or anything computer-related at SPC): http://www.spcollege.edu/helpdesk/

Syllabus Addendum: http://www.spcollege.edu/addendum/

MEETING INFORMATION:

Class Number: 1947
Course Location: SE-UP-216
Meeting Days: TuTh
Class Times: 5:30 – 6:45pm

IMPORTANT DATES:

Course Dates: August 15, 2016 – December 9, 2016
Last Day to Drop and Receive Refund: August 19, 2016
Last Day to Withdraw and receive a letter grade of "W": October 20, 2016 *(60% point)*
Financial Aid: http://www.spcollege.edu/getfunds/

DISCIPLINE-SPECIFIC INFORMATION:

Study Skills: First and foremost, have a weekly schedule. Have a planned time to work on this class each week. You should expect to spend 10-12 hours per week on this course. It's difficult to spend 10-12 hours over the weekend, so it's to your benefit to carve out some time during the week. This allows you time to let the ideas sink in, and it also takes some of the pressure off as due dates approach.

Second, try to get ahead of the posted schedule. Every semester, I have students who email me about something going horribly wrong at the last minute (computer crashes, etc). Those students who are ahead of schedule have time to adjust to those last minute emergencies.

Third, get help when (or even before) you need it. You have a number of resources available to you through SPC. You can visit the Learning Support Commons and work with a tutor (I often suggest scheduling your homework/study time in the LSC so tutors are available whenever you need them). You can utilize online tutoring through Smarthinking.

Lastly, read the sections in the book; take good notes during class, watch the videos; seek out other resources; etc. While everything you'll need to know can come from the book and supplements, there is a wealth of additional information and alternative explanations out there. When you get past the idea of math as a series of "drill and kill" exercises, it can actually be enjoyable.

ATTENDANCE:

Students are expected to attend class regularly and on time. The college-wide attendance policy is included in the Syllabus Addendum. These policies note that each instructor is to exercise professional judgment and define "active participation" (and therefore "attendance") for each course, and publish that definition in each course syllabus.

For this class, "active participation" is a MyMathLab Homework average > 60% through Week 8.

Immediately following the 60% point of the term (October 20, 2016), each instructor will verify which students are actively participating in class as defined above. A student classified as not actively participating and will be administratively withdrawn from class with a WF which becomes an F on the students transcripts. **Please note that if a student is receiving financial assistance and is also categorized as a WF, then the student may be required to pay back some or all of the financial aid:** http://www.spcollege.edu/withdrawal/

GRADING: Your course grade is based on six components as listed below:

Component	Points
MyMathLab homework assignments – 10 (drop lowest 1)	175
MyMathLab Group work (in class) – 10 (drop lowest 2)	75
MyMathLab Checkups – 10 (drop lowest 2)	75
MyMathLab Quizzes (takehome) - one	75
** MyMathLab Quizzes (in class) - three	450
** MyMathLab Final Exam (in class)	150
Total Points	1000

** You must take each Practice Quiz (and Practice Final) and receive a score > 60% prior to taking each quiz (final exam) in class. If you do not obtain a score > 60%, the quiz (exam) will not be active in MyMathLab and your score will be zero.

GRADING SCALE:

A	*90% - 100%*
B	*80% - 89%*
C	*70% - 79%*
D	*60% - 69%*
F	*0% - 59%*

Students whose attendance is irregular or whose grades fall below 70% will be referred to an Academic counselor using the SPC Early Alert System. Students who desire not to be referred to Early Alert Advisors should work proactively with Professor Holton.

Make-up and Retake Policy:

There are **NO Make-up (or Retake) quizzes** during the semester, if you miss a quiz your score will be zero. **One** makeup (or Retake) quiz will be made available (at the end of the semester) to replace a prior low score.

Extra Credit:

A. All Quizzes   **5%**   by obtaining score $>$ **86% on the Practice Quiz.**

B. Quiz 1   **5%**   submission of a critical thinking paper, after the quiz, which reflects on your quiz results and presents a get well plan for your preparation of the remaining three quizzes

C. Final Exam   **5%**   by obtaining score $>$ **86% on the Practice Exam**

Notes: (1) there will be enough time allocated to take each quiz and the final exam twice during the class period, (2) final exam score will replace one lower quiz score.

STUDENTS' EXPECTATIONS AND INSTRUCTOR'S EXPECTATIONS:

INSTRUCTOR'S EXPECTATIONS OF STUDENTS:
Your participation in this course is critical for the learning process. You should: (1) come to class ready to engage in meaningful substantive discussion of the issues, (2) treat the opinions of others with respect and tolerance, (3) complete all assignments on time and with thoughtfulness, (4) practice academic honesty in all your work, (5) come to class on time (with cell phones off) and plan to remain for the entire class, and (6) contact the instructor promptly if there is an ongoing problem requiring special attention.

In college, students pay tuition for the privilege to sit in the classroom and participate in lecture and class discussion. Healthy and appropriate participation is a wonderful phenomenon, promoting a positive learning environment for all (an understandable expectation for both student *and* instructor). In contrast, sometimes individual students choose to disengage from normal class activity and consciously decide to engage in behavior which is distracting to, and negatively impacts other students; students who are trying to participate normally. These negative behaviors can originate from a multitude of poor choices and are inappropriate in higher education.

For example, various categories and models of personal electronics exist today – ranging from texting-enabled smart-phones, to music players with cameras and wireless Internet capability. Albeit this technology is fascinating, exciting, and personally entertaining, however, their use during class-time is ALWAYS distracting to the individual user's classmates.

WHAT STUDENTS CAN EXPECT FROM INSTRUCTOR:
The instructor will establish and maintain, with your involvement and help, a safe, comfortable learning environment in which your opinions and thoughts are valued.

The instructor will make meaningful assignments designed to broaden your knowledge and help improve your ability to problem solve utilizing the critical thinking skills developed in the study of Mathematics.

The instructor will offer you total availability to address any concerns or issues that may interfere with the learning process inside or outside of the classroom.

You can expect that the instructor will keep the course moving at a reasonable pace in order to satisfy the stated learning objectives.

The instructor will respect your thoughts, opinions and questions regarding the concepts being studied in this course and will attempt – to the best of the instructor's ability – to work with you in answering all your questions.

The instructor will supply fair, honest and timely evaluation of your progress in learning the concepts outlined in the objectives for this course.

STUDENT SURVEY OF INSTRUCTION:

The Student Survey of Instruction is administered in courses each semester. It is designed to improve the quality of instruction at St. Petersburg College. All student responses are confidential and anonymous and will be used solely for the purpose of performance improvement.

DISABILITY RESOURCES:

Disability Resources at SPC wants to help you succeed. If you have a documented disability or think that you may have learning or other disability and would like to request accommodations, please make an appointment with the Learning Specialist on your campus. If you will need assistance during an emergency classroom evacuation, please contact your campus learning specialist immediately about arrangements for your safety. Disability Resources staff can be reached at 727-791-2628 or 727-791-2710 (CL and EPI), 727-341-4316 (SP/G), 727-394-6289 (SE), 727-712-5789 (TS), 727-341-3721 (HEC), 727-341-4532 (AC), or 727-341-7965 (DT). If you would like more information, you can learn more about Disability Resources on our website: http://www.spcollege.edu/dr/. All students requiring special testing arrangements because of a documented disability must first coordinate with SPC's Disability Resources Department and provide a current Accommodations Sheet to their instructor within the first two weeks of the course. Students accommodated by SPC's Disability Resources with special testing arrangements must schedule their test/exam with the Disability Resources Department, and their *instructor*, at least one week in advance of upcoming testing dates.