



## Course Syllabus

**MAC 1105 - 791**

**College Algebra Spring Term 2023-2024 (0630)**

**This course includes the following section numbers: 708**

## Welcome

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Welcome to the Spring 16 week session of MAC 1105

## Instructor Contact Information

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Anthony DePass

**Email**

Depass.Anthony@spcollege.edu

**Phone:** 727-791-2707

**Office and Online Chat Hours:**

MW 9:30-10:00, 11:15-12:00, 1:15-2:30,

TR 9:30-10:00, 11:15-1:30

**Office Location:**

Clearwater NM 128

**Instructor Web Page:**

<https://web.spcollege.edu/instructors/id/depass.anthony>

## Departmental Contact Information

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Dr. Pelagia Kilgore

**Title:** Assistant Dean of Mathematics

**Email:** kilgore.pelagia@spcollege.edu

**Phone Number:** 727-398-8493

**Appointment Information:** Call or Email contacts above to schedule an appointment

## Course Information

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**Prerequisite(s):** Prerequisite:(Developmental math met and Pre or Corequisite: MAT 1033L ) or Appropriate score on the college placement test or MAT 1033 with a minimum grade of C (Note: Credit is not given for MAC 1105 and MAC 1106.) Updated Administratively 5/1/18 IWM

**Credit Hours:** 3

**Modality:** Online

**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. (Note: Credit is only given for MAC 1105 or MAC 1106.)

## Course Objectives

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1. The student will apply the fundamental concepts of algebra, and the characteristics and properties of relations and functions by:
  - a. determining whether relations, equations, and graphs are functions.
  - b. evaluating a function using function notation.
  - c. determining the domain and/or range of given functions (polynomial, rational, absolute value, radical, exponential and logarithmic).
  - d. performing arithmetic operations on given functions.
  - e. performing the composition of given functions.

- f. simplifying and performing arithmetic operations on complex numbers, expressing the answer in standard form.
  - g. evaluating and simplifying the difference quotient of given linear and quadratic functions.
  - h. determining the inverse of given functions.
2. The student will apply the properties of graphing functions and inequalities by:
- a. graphing standard linear, quadratic, cubic, rational, absolute value, radical, exponential, and logarithmic functions.
  - b. using transformations of the standard graphs to linear, quadratic, cubic, rational, absolute value, radical, exponential, and logarithmic functions.
  - c. graphing, given prescribed information, functions including linear (intercepts and y-intercept form), quadratic (vertex), and rational (asymptotic behavior), and piece-wise defined.
  - d. graphing systems of linear and quadratic inequalities.
3. The student will determine solution sets to a variety of equations and inequalities by:
- a. solving radical equations.
  - b. solving absolute value equations.
  - c. solving quadratic equations.
  - d. solving higher order polynomial equations by factoring.
  - e. solving polynomial and rational inequalities.
  - f. solving exponential and logarithmic equations.
  - g. solving systems of linear and quadratic equations in two variables using algebraic techniques.
4. The student will apply problem-solving strategies by:
- a. solving application problems that require the use of linear equations and inequalities.

- b. solving application problems that require the use of quadratic equations.
- c. solving application problems that require the use of exponential equations (exponential growth and decay).
- d. solving application problems that require the use of systems of linear equations and inequalities.

## Required Textbook and Other Resources

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Aleks 360

## First Day Access (Digital Books) Program

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### What is First Day Access: Textbook Savings Program?

This course is participating in the First Day Access Program. You will be given access to the course materials through MyCourses. You will receive instant access to the required materials and save 20-50% or more off the retail price. **You have the option to opt out of the program within the first 10 days of class** if you want to purchase your materials elsewhere. Opting out of the program is likely to cause you to pay a higher rate. **The opt-out date is 10 days from the first day of class.**

The materials that are accessed through MyCourses are **NOT** included in your tuition. **If you do not click on the button to opt-out, you agree to pay the discounted fee and SPC will bill your student account at the First Day price after the opt-out deadline passes- approximately 2 weeks after your class starts.** This will show as a bookstore charge. Please check your student account. If you have BLOC or are a 3rd Party vendor then the charges will be covered **\*exceptions do apply**, if you are self-pay, please make those payments to the business office.

### Refund Policy

If you drop a class within the drop deadline for your course, the refund policy will be the same as SPC's [drop w/refund policy](#). If you withdraw after the drop deadline ([see your schedule for dates](#)),

then you will be responsible for those charges on your account (For example, if you receive a “W” you will not be eligible for a refund).

Should you choose to purchase the required materials out of pocket you **MUST** opt out to avoid being charged. If you do not opt out by the deadline, which is 10 days from the start of class, then you must request to be opted out and proof of purchase must be submitted to [tharrison@bncollege.com](mailto:tharrison@bncollege.com) to prevent First Day Fees being added to your account.

## **Performance Assessment and Grading**

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This includes, homework, chapter tests, and the final exam.

Pies 20%

Quizzes 5%

Test 15%

Proctored Midterm 25%

Proctored Final Exam 35%

## **Grading Scale**

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A 90-100

B 80-89

C 70-79

D 60-69

F <60

## **Respondus LockDown Browser Proctored Testing**

## Information

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### **Proctored Testing Requirement**

This course requires one or more of your quizzes/exams in MyCourses to be virtually proctored. Proctoring will be conducted using an online proctoring service called LockDown Browser & Respondus Monitor. You DO NOT need to create an account or schedule an appointment. Your quizzes will be accessible on the dates your instructor has set for you to take them. To take a LockDown Browser & Respondus Monitor quiz, you will need the following: a computer, a working webcam/microphone, your ID, and a stable internet connection. Check out [LockDown Browser & Respondus Monitor Support for Test-Takers](#) to learn more or for technical assistance.

### **Room Scan & ID Information**

To uphold academic integrity and ensure a fair testing environment for all students, you will be asked to conduct a room scan and show a valid, official ID prior to beginning your examination. Please be aware that this process involves your webcam recording and inspecting your physical testing environment. This includes the surface of your desk, any surrounding walls, and the area under your desk. By participating in this course and its assessments, you acknowledge and consent to these conditions.

Your official ID should include your name, photo, and signature for identity verification purposes. Acceptable forms of ID include a university ID, driver's license, passport, or other government-issued identification. No examination will be permitted to start without a proper ID check.

### **What is my responsibility?**

For courses that utilize LockDown Browser & Respondus Monitor, students are required to have a Windows, MAC computer, iPad, or Chromebook, a Web Cam, and download the LockDown Browser. You will be prompted to download the Lockdown Browser when launching the quiz in MyCourses.

Need help? Contact

[Lockdown Browser/Respondus Monitor Support](#)

## **Availability of Course Content**

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To gain access to the course materials/modules, students must select the bottom MH Campus tab under course content.

## Course Attendance

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Mandatory

## Technology Requirements & Policy

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Students also MUST become proficient with [publisher or other 3rd party tools or platforms here] and the tools contained within the program to be successful in this course.

### Accessibility of Technology

- [MyCourses \(Brightspace by Desire2Learn\) Accessibility](#)
- [Microsoft Accessibility](#)
- [Google \(YouTube\) Accessibility](#)
- [Ensemble Accessibility](#)
- [Panopto Accessibility](#)
- [Turnitin Accessibility](#)
- [Honorlock Accessibility](#)
- [Cengage Accessibility](#)
- [McGraw-Hill Accessibility](#)
- [Pearson Accessibility](#)

### Privacy

- [MyCourses \(Brightspace by Desire2Learn\) Privacy](#)
- [Microsoft Privacy](#)
- [YouTube Privacy](#)
- [Ensemble Privacy](#)
- [Panopto Privacy](#)
- [Turnitin Privacy](#)

- [Honorlock Privacy](#) and [SPC's Honorlock Security and Privacy FAQ](#)
- [Cengage Privacy](#)
- [McGraw-Hill Privacy](#)
- [Pearson Privacy](#)

## Important Dates

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**Class Dates:** 16-JAN-2024 to 10-MAY-2024

**Drop Date:** 19-JAN-2024

**Withdrawal Date:** Please reference the Academic Calendar below

<https://www.spcollege.edu/academic-calendar>

## Learner Support and Other Student Resources

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Use the following links to view web sites on SPC's:

- [Free Tutoring](#)
- [Accessibility Services](#)
- [Academic Support](#)
- [On-Campus and Online Support](#)
- [Student Services](#)

Additional Resources:

- [Academic Calendar](#)
- [Learning Resources](#)
- [Career Services](#)
- [International Student Services](#)
- [Veterans Services](#)



## MyCourses Assignment Schedule

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Due Date	Name	Type	Points
	Step 3: Discussion Forum (please introduce yourself to the rest of the class)	Discussion	0
	Module 2 Questions	Discussion	
	Module 1 Questions	Discussion	
	Module 8 Questions	Discussion	
	Step 4: User Agreement (you must score 100% to unlock the remaining course materials)	Quiz	100
	Module 6 Questions	Discussion	
	Module 3 Questions	Discussion	
	Module 5 Questions	Discussion	
	Module 4 Questions	Discussion	
	Module 7 Questions	Discussion	

## Course Assignment Schedule

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<https://mycourses.spcollege.edu/d2l/le/content/371739/viewContent/15313820/View>

## Communication Plan

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### Communication Channels

Type the Communication Channels you will use here.

## **Response Time**

Type your plan for Response Time here.

## **Communication Schedule**

Type your Communication Schedule here.

## **Students' and Instructor's Expectations**

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It is important that all of your attention be focused on the content to be learned so when you are in class you shouldn't be using your computer, cell phone, and tablet for casual use, only academic purposes. Any use of these devices (including texting) for non-academic purposes draws your attention away from the course work and is therefore subject to disciplinary action. Whether you are taking a course online, blended, or in the classroom, you may be required to have discussions of class assignments and share papers and other class materials with instructors and classmates online. The learning management system, MyCourses, will be used for this purpose and you should complete the Introduction to MyCourses so that you are comfortable with the system and can complete your assignments. Whether you are in an online class or a physical classroom, certain behaviors are expected when you communicate with your peers and your instructors. You need to contribute to a positive learning/teaching environment, respecting the rights of others and their opportunity to learn. No one has the right to interfere with the teaching/learning process. Below are the traits of a successful student. These guidelines pertain whether your course is online or in the classroom. When communicating, you should always:

- Treat everyone with respect in every communication
- Use your professor's proper title: Dr. or Prof., or if you are in doubt use Mr. or Ms.
- Use clear and concise language
- Remember that college level communication should use correct grammar, whether written or spoken. Avoid slang.

- Use correct spelling and avoid texting abbreviations
- Avoid using the caps lock feature as it can be interpreted as yelling online
- Be cautious when using humor or sarcasm as tone is sometimes lost in an email or discussion post and, even when spoken, your message might be misunderstood
- Be cautious with personal information (both yours and others')

### **Online Student Participation and Conduct Guidelines**

The practices of courtesy and respect that apply in the on-campus classroom also apply online. Any discriminatory, derogatory, or inappropriate comments are unacceptable and subject to the same disciplinary action applied in courses offered on campus.

### **When you send an email to your instructor, department chair, dean, or classmates, you should:**

- Use a subject line that describes what you are writing about
- Avoid attachments unless you are sure your recipients can open them
- Be clear, concise, and courteous
- Sign your message with your name
- Use your SPC email account to ensure delivery. Sometime emails from non-SPC accounts are stopped by the spam filter and the recipient may not receive it.

Your faculty member will include in the syllabus expectations for response times on email.

### **Recordings in the classroom:**

Students may record lecturers in class for personal use (such as studying or documenting complaints to the institution) without explicit permission. However, students may not record non-lecture portions of class (such as skills labs, student group work, individual student instruction, Q/A sessions, recording studio critiques, group/individual production and computer lab time, practicums/internships, or clinical/simulation rotations) or other students without explicit permission, and may not disrupt class in making such

recordings (such as trying to use a device with a calculator or calculator app in a class that does not allow calculators, or blocking the view or aisles for others in the class). Having an approved ADA accommodation is considered explicit permission to record from the college.

Students making such recordings may not share recordings without explicit permission and are personally liable for unauthorized dissemination. If in doubt, please discuss with your professor before class.

**When posting to a discussion board, you should:**

- Write posts that are on-topic and within the scope of the course material
- Take your posts seriously; review and edit your posts before sending
- Be as brief as possible while still making a thorough comment
- Always give proper credit when referencing or quoting another source
- Read all messages in a thread before replying
- Avoid repeating someone else's post without adding something of your own to it
- Avoid short, generic replies such as, "I agree." You should include why you agree or add to the previous point
- Always be respectful of others' opinions, even when they differ from your own
- Express any differing opinions in a respectful, non-critical way
- Not make personal or insulting remarks
- Be open-minded

The instructor has the **authority** to ask a disruptive student to leave a classroom or lab. The instructor may also delete posts or materials from an online or blended class and/or take disciplinary action if disruptive behavior continues. This ensures that all students in the class have an opportunity to learn.

**Academic Honesty Policies - Honor Code**

We expect you to be **honest** in all of your academic work. By enrolling at the College, you agree to obey all of the standards of **academic honesty** and **integrity** and you should understand that failing to observe the rules may result in academic and disciplinary action, up to and including expulsion from the College. As members of the College community, you also have an ethical obligation to report violations of the SPC academic honesty policies you may witness. The academic honesty policy and procedures are available online:

- [Academic Honesty Policies, Honor Code](#)
- [Academic Integrity Policies and Procedures](#)

**These documents include details on what is meant by:**

- Cheating
- Bribery
- Misrepresentation
- Conspiracy
- Fabrication
- Collusion
- Duplicate submissions
- Academic misconduct
- Improper calculator, computer or online use

Some of your courses may include online material that is protected by copyright. This means that the work is available for you to use in your studies but you can't copy and share the materials ( copyright.gov). Please see [SPC's copyright information](#). It's your responsibility to be academically honest in all of your work.

## **How to Be a Successful Student**

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Attending class is vital to your success, particularly the first few days of class as you are introduced to the requirements and topics you will be covering. Therefore the college limits when you can add classes. Please [check our registration page](#) regarding when

classes can be added.

You may drop a course through the [Drop with Refund](#) date listed on your Fee Schedule and be eligible for a refund, although withdrawing may affect your financial aid. If you are thinking of withdrawing, please speak with your instructor, an [Academic Advisor](#) or a [financial aid counselor](#).

Showing up is the first step in ensuring your academic success. Active participation is the next step - whether you are in a classroom or taking classes online. Each of your faculty will give details in the syllabus about their attendance policies. If you are going to miss a session, or be offline for any reason, please let your instructor know in advance. If you don't attend during the first two weeks of a term you will automatically be withdrawn from the class and this can cause serious problems if you receive financial aid. In fact, if you withdraw prior to completing 60% of a class and receive any form of federal financial aid (grants or loans) you will be required to repay a portion.

## **Policy: Attendance/Participation/Withdrawal**

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Withdrawing from a course with a "W" or "WF" may impact students' academic standing and financial aid eligibility including placing the student in early repayment. It is the student's responsibility to understand the consequences of withdrawing.

### **Attendance**

College policy requires students to attend class prior to the published drop deadline for the session in which the class is scheduled. The instructor is required to report non-attendance and the student will be dropped with a "W" grade penalty by the second week of classes.

It is the student's responsibility to know the attendance policy of the class in which they are enrolled.

- Depending on the modality of the course, attendance may be online, LIVE Online, blended, or on-campus.

- For LIVE Online classes, attendance will be taken online during the normal class meeting time/days.
- Students who are feeling ill for any reason should communicate in a timely manner with their instructor regarding attending online instead of on-campus, and/or the responsibility of excused absences. Students are also responsible to discuss completing any missed work with the instructor.

### **Participation**

College policy require the instructor to report any student who is not actively participating at the 60% point of a class. The instructor will report the student by the end of the week immediately following the 60% point of the class and the student will be withdrawn from the course and assigned a "W" grade. It is the student's responsibility to understand the instructor's requirements for 'active participation.'

### **Student Withdrawals**

Students will be able to withdraw themselves at any time during the term. However, requests submitted after the last date to withdraw with a "W" (see academic calendar) will result in a "WF". Students and instructors will automatically receive an email notification through their SPC email address whenever a withdrawal occurs. Students should consult with an academic advisor or financial assistance counselor prior to withdrawing from a class.

Students who wish to withdraw completely from SPC are not able to totally withdraw from all classes through MySPC. A student must contact an Academic Advisor to totally withdraw.

### **Student Survey of Instruction**

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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.

## Turnitin

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The instructor of this course may require use of Turnitin.com as a tool to promote learning. The tool flags similarity and mechanical issues in written work that merit review. Use of the service enables students and faculty to identify areas that can be strengthened through improved paraphrasing, integration of sources, or proper citation. Submitted papers remain as source documents in the Turnitin database solely for the purpose of detecting originality. Students retain full copyright to their works. Review the [Turnitin Usage Agreement](#) for full details. Students who do not wish to submit work through Turnitin must notify their instructor via course email within the first seven days of the course. In lieu of Turnitin use, faculty may require a student to submit copies of sources, preliminary drafts, a research journal, or an annotated bibliography.

View the [Reviewing a Turnitin/Originality Report](#) tutorial.

## Safety and Security

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We want to make sure that you are comfortable on campus and feel secure in your learning environment. The SPC campuses are very safe but you should be aware of your surroundings, just as you are anytime you are in a public space. In each classroom there is an Emergency Response Guide to help you during an emergency. It is also a good idea to be familiar with evacuation routes in buildings that you use frequently. **If you have an emergency, dial 911 immediately.** For information on campus safety and security policies, please call 727-791-2560. More information is also available on the [Campus Safety website](#).

The college website ([spcollege.edu](http://spcollege.edu)) is the best source of information in the event of an emergency. It's possible for something like a hurricane to disrupt classes on campus; if this happens there are plans on how to help you continue your education. You should be comfortable using MyCourses as the learning management system will be key in communicating with faculty about course materials and assignments. Make sure you complete the Introduction to MyCourses so that you are familiar with sending and receiving emails, participating in discussion posts, navigating through course materials,



and submitting assignments. It is important to be able to use MyCourses for learning activities if your campus is closed.

Federal and state law requires a person designated as a "sexual predator or offender" to register with the Florida Department of Law Enforcement (FDLE). The FDLE is then required to notify the college if the person attends, or is employed, by a college or university. You can find out more information by calling the FDLE hotline (1-888-FL-PREDATOR) or by visiting [offender.fdle.state.fl.us/offender](http://offender.fdle.state.fl.us/offender). A list of sexual offenders or predators registered for classes at SPC is also available.

## **Titans Care (Student Assistance Program)**

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As an SPC student it's vital that you know Titans Care. You can access resources through [SPC's Student Assistance Program \(SAP\)](#), a collaborative resource for students with mental health or general life issues. SAP provides help and education in suicide prevention, mental health, substance abuse awareness and more. It is SPC's belief that supporting mental wellness is everyone's charge and that one loss as a result of substance abuse, mental illness, or suicide is one too many. If you or a loved one are considering suicide, please call the National Suicide Prevention Lifeline at 1-800-273-8255.

## **Student Concerns**

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St. Petersburg College wants to make sure that you are able to receive prompt and fair resolutions to any concerns that you might have. If you feel that you have had a bad experience with a college employee, or you have a concern about college facilities, please bring it to our attention. Begin by speaking directly to the person responsible for the department; direct conflict resolution is an important skill to develop and usually brings about the best results. If you aren't satisfied with the outcome, or are not comfortable approaching the person directly, you may submit the information using an online form: [web.spcollege.edu/survey/13002](http://web.spcollege.edu/survey/13002)

If you're not able to submit the form online yourself, feel free to ask a college employee to submit the form on your behalf.

## **SPC Vaccination Policy**

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SPC is concerned about the health and well-being of all students. We encourage all students to remain current on vaccinations as suggested by appropriate health authorities. SPC does not require vaccinations for general admissions to our degree or certificate programs, with some exceptions for specific programs.

## **Instructional Continuity During Emergencies**

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The St. Petersburg College website at [www.spcollege.edu](http://www.spcollege.edu) is the official source of college information regarding the status of the institution. Other important information will be communicated via SPC Alert, local media outlets, and the college toll-free phone number 866-822-3978. All decisions concerning the discontinuation of college functions, cancellation of classes, or cessation of operations rest with the President or his/her designee. The College realizes that it is possible for a significant natural disaster to compromise SPC campus facilities sufficiently to disrupt the delivery of classes on campus/campuses for an extended period and is planning ways our operations can continue following such an emergency.

So, if a hurricane or other natural disaster causes significant damage to St. Petersburg College facilities, please visit the college website for an announcement of the College's plan to resume operations.

Further, in the event of such a disaster, the Instructor will continue using the Learning Management System (LMS) of MyCourses for continuation of all required learning and instructional activities in this course, including the issuing of graded online assignments and expectation of student completion of those graded assignments.

Therefore, to keep up with all activities in this course during and after a natural disaster, please plan to continue this course by maintaining online access to MyCourses (possibly through duration of the course's regularly scheduled end date). We will finish this course in MyCourses, as directed by your Instructor online, and your Instructor will use all graded assignments to assess and issue your final letter grade for this course, as normally planned, despite occurrence of the natural disaster.

For all current updates on pandemic conditions or other events, please visit SPC  
Updates at <https://www.spcollege.edu/spc-updates>