### MEETING INFORMATION:

**Course Location:** SA228  
**Meeting Days:** Monday/Wednesday  
**Class Times:** 2 – 4:15PM

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### Syllabus Addendum: [www.spcollege.edu/addendum](http://www.spcollege.edu/addendum)

### INSTRUCTOR

**Name:** Dr. Carol Weideman  
**Email:** Weideman.carol@spcollege.edu  
**Phone:** 727-341-4312  
**Office and Online Chat Hours:** Please visit my instructor page for office hours  
**Office Location:** Gibbs SA229  
**Instructor Web Page:** [http://webapps.spcollege.edu/instructors/id/weideman.carol](http://webapps.spcollege.edu/instructors/id/weideman.carol)

### ACADEMIC DEPARTMENT

**Dean:** Jimmy Chang  
**Office Location:** Gibbs SA215  
**Office Phone Number:** 727-341-4305  
**Email:** chang.jimmy@spcollege.edu

**Academic Chair:** David Kolonoski  
**Office Location:** Gibbs SA215  
**Office Phone Number:** 727-341-4757  
**Email:** Kolonoski.david@spcollege.edu

**Web Page:** [www.spcollege.edu/math](http://www.spcollege.edu/math)

### COURSE INFORMATION

**Course Description:** This course builds the foundation for understanding selected concepts taken from topics which include algebra, set theory, logic, geometry, probability and statistics. Critical thinking skills, problem-solving strategies, communicating mathematically, and appropriate use of technology will be incorporated throughout the course via activities and projects. This course serves as an alternative to MAT 1033 that will prepare students for Liberal Arts Math (MGF 1106/1107) and/or Statistics (STA 2023) courses.  


**Course Goals:** Major Learning Outcomes

1. The student will apply fundamental mathematical properties  
2. The student will apply algebraic concepts  
3. The student will visualize and interpret data  
4. The student will use basic concepts in geometry and set theory
5. The students will apply basic concepts in probability and statistics

Prerequisites: Prerequisite: MAT 0022 with a minimum grade of C or MAT 0028 with a minimum grade of C MAT 0055 with a minimum grade of C Or MAT 0056 with a minimum grade or appropriate score on the mathematics placement test

REQUIRED TEXTBOOK & OTHER RESOURCE INFORMATION

Textbook: Math Lit, 2nd edition by Almy/Foes
MyMathLab access kit required Publisher Information: Pearson
ISBN Number: 9780321199911
Scientific calculator is recommended
Bookstore: www.spcollege.edu/textbooks
Library: www.spcollege.edu/libraries

My personal course Information and rationale:

In this course we will cover a variety of topics in mathematics, ranging from critical thinking and problem solving to statistics and probability. The textbook, Math Lit, will serve as the basis for the course but many other materials will be used to reinforce the course learning objectives. I designed the course to make you more aware of mathematics in the world around you. We will use MyMathLab (MML), an online repository of course materials and assessments for this class.

I believe that active learning, particularly cooperative learning, is a very effective method for students to learn mathematics. In our course, active learning will be accomplished using classroom activities and through the use of teams. Teams are used in all facets of our society and results from SPC employer surveys shows that employers need workers who can be highly productive in a team environment. You will select your own team members and can switch teams during the semester (prior to the start of a project) if you find that the team dynamics are not working well for you. I also suggest that you name your team – it gives your team an identity.

The course projects must be completed as team projects. All members of each team will receive the same grade for the project unless the team self-assessments indicate that one or more team members did not contribute equally to the project report. If your team’s dynamics are not working well, please notify as soon as this becomes apparent so we can try to resolve the underlying issues or reassign students to other teams.

LEARNER SUPPORT

Accessibility: www.spcollege.edu/dr
Academic Support Services: www.spcollege.edu/support
On-Campus Support: www.spcollege.edu/tutoring/#tab=2
Online Support: www.spcollege.edu/tutoring/#tab=3
Student Services and Resources: www.spcollege.edu/services
Syllabus Addendum: www.spcollege.edu/addendum
**IMPORTANT DATES**

**Course Dates:** May 20 – July 24, 2019  
**Drop Date:** May 24, 2019  
**Withdrawal Date:** June 28, 2019  
**Financial Aid Dates:** [www.spcollege.edu/pages/dynamic.aspx?id=800](http://www.spcollege.edu/pages/dynamic.aspx?id=800)

**ATTENDANCE**

The College-wide attendance policy is included in the Syllabus Addendum:  
[www.spcollege.edu/addendum/#attend](http://www.spcollege.edu/addendum/#attend)  
For this class, attendance (“active participation”) is defined as registering in MyMathLab, attending every class and completing assignments according to dates listed in the syllabus. If you must miss class, please email the professor before the missed class.

**GRADING**

<table>
<thead>
<tr>
<th>Category</th>
<th>Location of Assignments</th>
<th># of Attempts</th>
<th>Drop Lowest Grade</th>
<th>% of Course Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>MyMathLab Homework</td>
<td>MyMathLab</td>
<td>Unlimited*</td>
<td>Yes</td>
<td>25</td>
</tr>
<tr>
<td>Vocabulary Quizzes</td>
<td>MyCourses</td>
<td>3</td>
<td>Yes</td>
<td>10</td>
</tr>
<tr>
<td>Quizzes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Syllabus Quiz</td>
<td>MyCourses</td>
<td>unlimited</td>
<td>Yes</td>
<td>25</td>
</tr>
<tr>
<td>Cycle Quiz (1, 1A, 2, 3)</td>
<td>MyMathLab</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Class Projects</td>
<td>MyCourses</td>
<td>1</td>
<td>No</td>
<td>40</td>
</tr>
</tbody>
</table>

*For MyMathLab homework, you can rework any homework assignments that you worked on before the due date.*
ASSIGNMENTS

See attached detailed weekly schedule.

Please note due dates listed in the weekly schedule. Students are expected to complete assignments by the listed due dates. Each lesson of work builds on the concepts learned in the prior lesson so due dates will not be extended. For several categories of assignments, the lowest grade is dropped. This will help to accommodate times when an assignment is not completed on time.

There is a required syllabus quiz in Begin Here module that must be completed with a score of 100% to unlock the course materials in MyCourses.

Homework (25% of course grade): There is MML homework assigned for each section. MML homework has due dates as shown in this syllabus, in MML and MyCourses. If you access a MML homework at least once before the due date, you have unlimited attempts to redo the homework at a later date to improve your homework grade.

You must score at least 60% on each homework to gain access to the related cycle quiz.

Vocabulary quizzes (10% of course grade): These short quizzes assess your knowledge of the key vocabulary terms used in each cycle. For cycle vocabulary quizzes, you are given three attempts and the highest grade for each quiz is used. Each time you take these quizzes, you will get different questions. The due dates for the vocabulary quizzes are shown in this syllabus, in MML and on the course calendar in MyCourses. *I do not extend due dates so be sure to complete quizzes on time.*

Cycle Quizzes (25% of course grade): Quizzes are taken in MML. See the weekly schedule at the end of the syllabus for details. For the cycle quizzes, you are given three attempts. The highest grade for each quiz is used. Each time you take these quizzes you will get different questions. The due dates for the cycle quizzes are shown in this syllabus, in MML and on the course calendar in MyCourses. *I do not extend due dates so be sure to complete quizzes on time.*

Class Projects (40% of course grade): Group work for projects is required. All group members will receive the same grade for the project unless the self-assessment indicates that all members did not contribute equally as discussed previously. Instructions and a grading rubric will be provided for each project.

Project reports that are submitted by the due date and do not receive all points shown in the grading rubric can be resubmitted within 7 days; the resubmitted report may be awarded additional points, up to a maximum of ½ of the points not originally earned. *Project reports that are submitted after the due date are not eligible for re-submission.*

Projects submitted after the due date will be accepted, however, the score for the project will be dropped by one letter grade for every day beyond the due date. For example, if a project is due on
Wednesday, June 12 and it is submitted on Friday, June 14 the project grade will be lowered by 2 letter grades since the project was submitted 2 days late. If you miss a project, the missed project will be given a zero in your overall grade calculation.

STUDENTS’ EXPECTATIONS AND INSTRUCTOR’S EXPECTATIONS

Students’ Expectations: I will respond to emails within 24 hours; if I will not be able to meet this time frame, I will notify the class. Many of the assignments in this course are automatically graded (MyMathLab homework, quizzes, MyCourses vocabulary quizzes). For assignments that are manually graded (projects), grades will be available within 7 days after the due date.

Instructor’s Expectations: I expect each student to attend all classes, log into our MyCourses course at least twice each week and to access MyMathLab at least twice each week. There are assignments due in both MyCourses and MyMathLab each week. Weekly Reminders will be posted each Saturday on our MyCourses homepage. You should check these reminders so you don’t miss any due dates.

To communicate with me, please use the MyCourses email. There is a link to Email Instructor in Student Tools on our MyCourses course homepage; this link makes it very easy to send me an email. Please do not use my college email; your message can get caught in the spam filter so I don’t see it immediately.

Online Student Participation and Conduct Guidelines: www.spcollege.edu/addendum/#onlineguide

Academic Honesty: www.spcollege.edu/academichonesty

TURNITIN

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. The Turnitin Usage Agreement can be reviewed at: turnitin.com/agreement.asp. 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.

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.
TECHNOLOGY

Technical Requirements for MyCourses:
https://mycoursesupport.spcollege.edu/technical-requirements-for-mycourses

Minimum Technical Skills:
You will be using the MyCourses learning management system (LMS). If you are not familiar with this LMS complete the Introduction to MyCourses found under your Home page.

There is a MyCourses Tutorial in the class with clear instructions on how to use all sections of the course. Also, you will see an Online Help link at the top of your page for help with any technical issues.

Accessibility of Technologies:
MyCourses (Brightspace by D2L) Accessibility Statement:
www.brightspace.com/about/accessibility

Pearson Accessibility Statement:
www.pearsonhighered.com/educator/accessibility/index.page

Privacy:
MyCourses (Brightspace by D2L) Privacy Statement: www.brightspace.com/legal/privacy

Pearson Privacy Policy:
www.pearson.com/privacy-policy.html

Technical Support: www.spcollege.edu/helpdesk
MAT1100 Detailed Weekly Syllabus

The schedule below shows the material covered each week. The assignments are organized by Cycles in MyCourses and in MyMathLab (MML). MyMathLab assignments and MyCourses vocabulary quizzes are due on Wednesdays by 11PM. Projects are due on the dates shown below.

<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Cycle</th>
<th>Sections Covered</th>
<th>MyMathLab Homework &amp; Quiz</th>
<th>MyCourses Assignments</th>
<th>Projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>May 20</td>
<td>1</td>
<td>1.2, 1.3, 1.4</td>
<td>Sections 1.2, 1.3, 1.4 Due 5/29, 11PM</td>
<td>Syllabus Quiz (Begin Here) Due 5/29, 11PM</td>
<td></td>
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<tr>
<td>2</td>
<td>May 29</td>
<td>1</td>
<td>1.6, 1.7, 1.9</td>
<td>Sections 1.6, 1.7, 1.9 Due 6/5, 11PM</td>
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<tr>
<td>3</td>
<td>June 3</td>
<td>1</td>
<td>1.10, 1.11, 1.12, 1.13</td>
<td>Sections 1.10, 1.11, 1.12, 1.13 Due 6/12, 11PM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>June 10</td>
<td>1</td>
<td>1.14, 1.15, 1.16</td>
<td>Sections 1.14, 1.15, 1.16 Cycle 1 Quiz Due 6/19, 11PM</td>
<td>Cycle 1 Vocabulary Quiz Due 6/19, 11PM</td>
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<tr>
<td>5</td>
<td>June 17</td>
<td>1A</td>
<td>1.5, 1.8, 2.16, 4.5, Statistical Literacy</td>
<td>Sections 1.5, 1.8, 2.16, 4.5, Statistical Literacy Cycle 1A Quiz Due 6/26, 11PM</td>
<td>Cycle 1A Vocabulary Quiz Due 6/26, 11PM</td>
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<tr>
<td>6</td>
<td>June 24</td>
<td>2</td>
<td>2.3, 2.4, 2.5, 2.7, 2.9</td>
<td>Sections 2.3, 2.4, 2.5, 2.7, 2.9 Due 7/3, 11PM</td>
<td></td>
<td>Project 1 Due 7/1, 11PM</td>
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<tr>
<td>7</td>
<td>July 1</td>
<td>2</td>
<td>2.10, 2.11, 2.12, 2.14, 2.15</td>
<td>Sections 2.10, 2.11, 2.12, 2.14, 2.15 Cycle 2 Quiz Due 7/10, 11PM</td>
<td>Cycle 2 Vocabulary Quiz Due 7/10, 11PM</td>
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<tr>
<td>8</td>
<td>July 8</td>
<td>3</td>
<td>3.3, 3.5, 3.6, 3.7</td>
<td>Sections 3.3, 3.5, 3.6, 3.7 Due 7/17, 11PM</td>
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<tr>
<td>9</td>
<td>July 15</td>
<td>3</td>
<td>3.8, 3.9, 3.10</td>
<td>Sections 3.8, 3.9, 3.10 Cycle 3 Quiz Due 7/24 11PM</td>
<td>Cycle 3 Vocabulary Quiz Due 7/24 11PM</td>
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<tr>
<td>10</td>
<td>July 22</td>
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<td></td>
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<td></td>
<td>Project 2 Due 7/22, 11PM</td>
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</tbody>
</table>

NOTE: THE SCHEDULE ABOVE MAY CHANGE DURING THE SEMESTER. ANY CHANGES WILL BE ANNOUNCED PRIOR TO ASSIGNMENT DUE DATES. Please note: St. Petersburg College will be closed May 27 (Memorial Day) and July 4 (Independence Day).