MATH 081 Alternative Format:
Basic Mathematical Skills

Instructor Information

Name: _____   Office: _____

Email: _____   Phone: _____

Office Hours: _____

Course Description

Classes will meet in a designated computer lab, currently in Z214. This alternative format is taught as an interactive course emphasizing mastery. Each class period will begin with a small lecture on the day's topics by your professor, followed by in-class work on the covered material. The students will work on their assignments with the help of in-class tutors and the instructor. In-class assignments may include instructor-created assignments on the material, as well as the associated Edfinity homework assignments, which students are expected to complete online outside of class.

Course Materials

1. **Access Code:** Edfinity is an online homework system that is required for the course. An Edfinity access code can be purchased in the bookstore or online when you set up your account. More information is available on Canvas.
2. **Text:** This course is built using the topics from the following OER text
   Prealgebra, Second Edition by Marecek, Anthony-Smith, and Mathis
   https://openstax.org/details/books/prealgebra-2e
3. **Binder:** I recommend using a binder for this course to keep notes, worksheets, and handouts organized.

Calculator Policy

No calculators are allowed to be used on tests or exams.

Learning Environment

To graduate, every student must satisfy the University's Basic Skills requirements. A student placed into MATH 081 will receive a letter grade based on the University grading scale to reflect their performance in

the course. The course grade will appear on the student's transcript, but it is not factored into the official SVSU GPA (neither the semester GPA nor the cumulative GPA). The letter grade of Math 081 may potentially affect students in two ways:

1. Athletics eligibility
2. Financial aid and SAP (satisfactory academic progress)

Students who have questions about these guidelines should talk with Campus Financial Services.

The course catalog for SVSU suggests that for every credit hour taken, students need to study approximately two additional hours every week. If mathematics is difficult for you, you may need to spend even more time on homework and study.

When speaking during a class meeting, be respectful and considerate of both the instructor and your fellow classmates. Come to class ready to work and build a community of learners with your peers.

Places to Get Help

1. **Office Hours:** Students are encouraged to take advantage of office hours in order to supplement in-class instruction.
2. **Math & Physics Resource Center (MPRC):** Located on the second floor of Zahnow Library. For current hours visit [Math & Physics Tutoring](#). Or contact the MPRC at (989) 964-4648 or email mathtutor@svsu.edu.
3. **Dedicated Tutor:** A dedicated tutor for this course will be available in class and via email to help you navigate the course.

Grading and Evaluation

Computational Skills Test: Students must take a Computational Skills test (100 points) covering the material found in sections 1.1 – 1.5, 3.1 – 3.4, and 5.1 – 5.2. Students will be required to achieve a grade of **70% or higher** to pass the Computational Skills test, else a grade of **zero** will be counted towards the 100 possible points in the computational skills portion of the semester grade. **Refer to the attached handout for the procedure and detailed information.**

Homework: Homework will be done using the Edfinity online system and can be completed on your own. These have unlimited attempts by the given deadline of the homework set. The homework problems are algorithmic and provide detailed practice for each topic. All homework sets are due by **midnight on the due date.**

Formative Assessment: Formative assessments will be given most weeks at the beginning of the week. These will be completed in class, allowing you to reflect on the course.

Quizzes: Quizzes will be given most weeks at the end of the week. These will be completed in class and take 10 - 15 minutes to complete.

Instructor Points: There will be 100 points at your instructor's discretion. The instructor will provide you with more details on this category.

Tests: There will be three unit tests. They will be in class and on paper tests. Notes and electronic devices are not allowed on any of the tests. Students must score 70% or greater to pass a test and move on. A student who scores lower than 70% on a test **MUST** consult with the instructor to determine a study plan and retake the test; otherwise, a score of 0 will be given. If a retake is given, the higher score is used with a maximum of 90%. No retakes are allowed for tests after the final exam.

Final Exam: The Final Exam is comprehensive, and everyone **MUST** take the final exam. No exceptions! Notes and electronic devices are not allowed on the final. The final exam can be taken only once; after the final, a student CANNOT retake any tests for credit.

Test Reviews: The MPRC will also have review sessions for the Final Exam and review sessions for the CST. There will be 10 bonus points for attending each session.

Attendance: Regular class attendance is **MANDATORY,** and a student will obtain an 'F' grade if they have more than **four** unexcused absences. To make an absence excused, the student must immediately contact the instructor and make up the missed work within the instructor-provided deadline.

Evaluation Method	Percent of Total Grade
Computational Skills Test (CST)	10%
Edfinity Homework	12%
Formative Assessments	3%
Quizzes	5%
Instructor Points	10%
3 Tests	30 %
Comprehensive Final Exam	30%

Course grades are based on the following scale (p = percent in class):

Percent	Grade	Percent	Grade	Percent	Grade
$93\% \leq p$	A	$83\% \leq p < 87\%$	B	$70\% \leq p < 77\%$	C
$90\% \leq p < 93\%$	A-	$80\% \leq p < 83\%$	B-	$60\% \leq p < 70\%$	D
$87\% \leq p < 90\%$	B+	$77\% \leq p < 80\%$	C+	$p < 60\%$	F

A grade of "C" or better (minimum of 70%) must be earned to satisfy the Math 081 requirement and to enter Math 082.

Academic Integrity Policy

All students are expected to abide by the University Honor Code. In mathematics classes, violations of the honor statement include copying another person's work on any graded assignment or test, collaborating on a graded assignment without the instructor's approval, using unauthorized "cheat sheets" or technical devices such as calculators, cell phones or computers for graded tests or assignments, or other such infractions.

See the following link for SVSU's academic integrity policy:
https://www.svsu.edu/studentconductprograms/academicintegrity/academicintegritypolicy/

Disability Statement

Students with disabilities that may restrict their full participation in course activities are encouraged to meet with the instructor or contact the SVSU Office of Accessibility Resources and Accommodations, Wickes 260, (989) 964-7000, for assistance.

Non-Discrimination Statement

SVSU does not discriminate based on race, religion, color, gender, sexual orientation, national origin, age, physical impairment, disability, or veteran status in the provision of education, employment, and other services.

Important Dates

Last day to withdraw "Without a grade": Monday, January 22nd, 2024
Last day to withdraw "With a W grade": Friday, March 29th, 2024

Tentative

The instructor reserves the right to revise, alter and/or amend this syllabus as necessary. Students will be notified in writing and/or by email or canvas announcements of any such revisions, alterations, and/or amendments.