



SATRINONTHABURI SCHOOL
COURSE SYLLABUS

Course Title	: Basic Mathematics	Course Code	: MA 32181
Credit Hours	: 2 periods/week	Credit(s)	: 1.0
Semester	: 2	Academic Year	: 2024
Matayomsuksa	: 5		

Instructor	: MR. JOHNNY G. LAZOS	Office	: EP, Building 4, 1 st floor
Cell phone	: 093-428-4242	E-mail	: johnlazos428@yahoo.com

Course Description:

Study, develop, practice, and apply their skills to construct logical arguments and proofs, in following topics:

- 1. Sequences and Series** : Definition, general terms of sequences, arithmetic and geometric sequences, and series
- 2. Interest and Value of Money** : Interest, the value of money, installment

Learning Outcomes/Indicators

1. Understand and able to use the knowledge of sequences and series to solve problems
2. Understand and be able to use the knowledge of interest and the value of money to solve problems

Course Requirements:

- 1. Attendance:** Any absent, you must inform me and make an appointment for makeup class or follow-up activities. You must have 80% of class attendance to take the Midterm and Final Examination.
- 2. Assignments:** Assignments must be submitted by schedule. Points will be deducted for a late submission. All the work should be done neatly either by your handwriting or printing, depending on how it is required.
- 3. Examinations:** Quiz will be taken intermittently throughout the semester. Midterm and Final examinations will be scheduled by the school. Any cheating will be investigated for penalties.

Class Policies:

1. You must be punctual to class. Only 5 minutes late will be allowed.
2. Be responsible for all individual and group work.
3. Respect your instructor and classmates.
4. All mobile devices are not permitted during the class lesson.
5. Adjust your voice level; listen to the instructor and classmates during the activities.
6. Observe all rules in the student handbook.

Classroom Discipline Procedure:

1. 1st Incident : Teacher-student conference. Verbal warning issued and recorded.
2. 2nd Incident : Parent contact and notification
3. 3rd Incident : After school detention and parent notification
4. 4th Incident : Student-parents-teacher conference
5. 5th Incident : Referral to the Administration

Instructional Methods:

1. Explanations and lectures will be provided for instruction.
2. Questions for lesson/activity clarifications are to be addressed promptly.
3. Individual work, pair work, group work, and class discussion will be employed relating to the contents and activities.

Instructional Materials: Throughout the semester, the class will be mainly following the textbook:

Title : Basic Mathematics (Mattayom 5)
Compiler : Mr. Johnny Gonia Lazos

Course Schedule

Week	Period(s)	Topic/ Content	Activities	Task(s)	Scores	
1	1-2	Sequences	Learning about the general concepts of sequences	class discussion and individual/ group work	30	
2-3	1-2	Arithmetic Sequences	Learning about arithmetic sequences, as well as their symmetry and mean	class discussion and individual/ group work		
4-5	1-4	Geometric Sequences	Learning about geometric sequences, as well as their symmetry and me	class discussion and individual/ group work		
6	1-2	Series and Summation Notation	Learning about the general concepts of series, and the principles of summation notation	class discussion and individual/ group work		
7	1-2	Arithmetic Series	Learning about arithmetic series	class discussion and individual/ group work		
8	1-2	Geometric Series	Learning about geometric series	class discussion and individual/ group work		
9	Midterm Examination					20

10-11	1-4	Simple Interests and Discounts	Learning about the principles and concepts of simple interests and simple discounts	class discussion and individual/group work	30
12-13	1-4	Compound Interests and effective rates	Learning about compound interests and their effective rates	class discussion and individual/group work	
14-15	1-4	Simple Annuities	Learning about simple annuities or installments	class discussion and individual/group work	
16	1-2	Amortization	Learning about amortization of loans and debts	class discussion and individual/group work	
17	1-2	Sinking Fund	Learning about sinking funds and savings	class discussion and individual/group work	
18	Final Examination				20

Grading Policy:

Quizzes/Activities before midterm	30%
Midterm Exam	20%
Quizzes/Activities after midterm	30%
Final Exam	20%
Total	100%

Grades will be classified as follows:

Points	Grade	Points	Grade
80-100	4.0	55-59	1.5
75-79	3.5	50-54	1.0
70-74	3.0	0-49	0
65-69	2.5	Incomplete	I
60-64	2.0		

Signature Instructor

Signature..... Academic Supervisor of Grade Level

Signature..... (Mrs. Chanakan Sillaparassamee)
Deputy Principal of Academic Affairs