GAVILAN COLLEGE
5055 Santa Teresa Blvd
Gilroy, CA 95023

Course Outline

COURSE: MATH 412B DIVISION: 10 ALSO LISTED AS:

TERM EFFECTIVE: Spring 2021 CURRICULUM APPROVAL DATE: 12/8/2020

SHORT TITLE: Math Refresher Part 2

LONG TITLE: Math Refresher Part 2

Units	Number of Weeks	Type	Contact Hours/Week	Total Contact Hours
.5	18	Lecture:	1	18
		Lab:	0	0
		Other:	0	0
		Total:	1	18

COURSE DESCRIPTION:

An intensive math course designed to be a refresher for students who wish to review fundamental math concepts to get the support in the current class. The primary focus is on operations with percentages, proportions, equations, and text problems. This is a pass/no course. Units earned in this class do not count towards an Associate's Degree or certain certificate requirements.

PREREQUISITES:

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES
P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:
02 - Lecture and/or discussion
05 - Hybrid
71 - Dist. Ed Internet Simultaneous
72 - Dist. Ed Internet Delayed

STUDENT LEARNING OUTCOMES:

1. Solve percentage problems using proportions and equations

2. Solve problems with fractions, decimals, and signed numbers.

3. Utilize math specific study skills and test taking strategies

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 12/8/2020

DE MODIFICATION ONLY

Hours: 2

Percents

Performance Objectives: Students will be able to convert percents to decimals and fractions, and vice versa.

Hours: 2

Percentage Problems

Performance Objectives: Students will be able to solve application problems involving percents using equations and proportions.

Hours: 4

Text Problems

Performance Objectives: Students will be able to solve problems with fractions, decimals, and signed numbers.

Hours: 1

METHODS OF INSTRUCTION:

Lecture, Group work, Discussion.

OUT OF CLASS ASSIGNMENTS:

Required Outside Hours: 18

Assignment Description:

1. Analyze and study pertinent text material, solved examples and lecture notes.
2. Apply principles and skills covered in class by solving regularly-assigned homework problems.
3. Regularly synthesize course materials in preparation for exams.
4. Projects to apply concepts learned in class.

METHODS OF EVALUATION:

Objective examinations

Percent of total grade: 100.00 %

In-class written exams.

REPRESENTATIVE TEXTBOOKS:

Required Representative Textbooks

Alan Tussy, R. Gustafson. Developmental Mathematics for College Students. Brooks Cole,2014.

ISBN: ISBN-10: 1111988269 ISBN-13: 9781111988265

Reading Level of Text, Grade: 12 Verified by: Ken Wagman

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:
CSU GE:
IGETC:
CSU TRANSFER:
Not Transferable
UC TRANSFER:
Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N
Classification: Y
Noncredit Category: Y
Cooperative Education:
Program Status: 2 Stand-alone
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department:
CSU Crosswalk Course Number:
Prior to College Level: B
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: E
Maximum Hours: 9
Minimum Hours: 9
Course Control Number: CCC000597502
Sports/Physical Education Course: N
Taxonomy of Program: 170100