





4 classrooms within close proximity

1 instructor per classroom

20 computers in each classroom



0 to 2 tutors or mentors

### **COURSE DESCRIPTION AND OBJECTIVES**

## **BASIC MATHEMATICS COURSE**

- Mastery of learning objectives
- Includes fractions through algebra

## **ALEKS**

- Computer aided instruction learning system
- Can be accessed from home computer

# First week of Class

1st day: Orientation

Orientation is held at the same time

2nd day: Assessment

ALEKS is utilized to assess students' math skills

3rd day: Learning styles/study skills

4th day: Reshuffle students

# Students are reshuffled into appropriate classrooms based on their math skills

Reshuffle students approximately every 3 weeks

## Required Supplies

- Foundation Math Packet
- Pencil & Paper
- Scientific Calculator

#### **Attendance**

- 4 times a week
- 6 absencesDroppedfrom class
- 3 late
  arrivals or
  early
  departures
  = 1
  absence

#### Grading

- CreditCourse
- No letter grades
- N=course not completed

#### Classroom Rules

- NO Cell phones & PDAs
- NO Food & Drink

## Withdrawal Dates

- Jan 14: 100% Refund
- Jan 31: 50% Refund
- Mar 28: No Refund "W"

#### Testing Rm Hrs

- M thru TH: 9am-8pm
- Fri: 9am-1pm

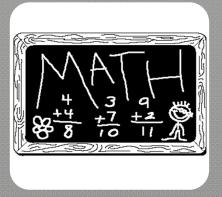
#### COMMON FRACTIONS ASSIGNMENT CHECKLIST (ALEKS) Last Name: First Name: Date: **Instructor:** Class Time: Do all assignments in order. Show all work. **Required Assignments** Initial/Date Initial/Date 1.Shady Parts 2.Puzzle Craze 3.Is It the Same? 4. Always Simplest (even #'s) (odd #s) 5.Measuring Up 6.Partly Yours (even #'s) (odd #s)7.2-Point Conversion (even #'s) (odd #s) 8. Words Under the Bridge (even #'s) (odd #s) 9. Least Common (even #'s) (odd #s)10. Ordering Fractions (even #'s) (odd #s) 11. Adding & Subtracting (even #'s) (odd #s) 12. Problem Solving I (even #'s) (odd #s) TAKE THE POST TEST: Form:\_\_\_\_ Form:\_\_\_\_ Form:\_\_\_\_ **UNIT COMPLETED** Instructor's Signature Date

## **COURSE REQUIREMENTS**









## INTERMEDIATE OBJECTIVES

- Fractions
- Decimals
- Signed Numbers
- Simple Algebra
- Percent
- Ratio & Proportion

#### **HOMEWORK**

- Assigned Every day
- Separate Sheet
- Proper Format
- Incorrect work returned to student to redo

#### TESTS & ASSESSMENTS

- ALEKS Assessment Given at various times
- Must pass ALEKS assessment and complete all homework before test taken
- Passing Score for tests is 75%

## ALTERNATE CREDIT COURSE

- Credit in Math 97
- Complete 2 objectives in Math 98M
- Continue to attend class
- Make progress
- Math 97 not a substitute for Math 98M

# What Is Math 97?

Math 97 is an alternate credit course given to students who completes two modules in a semester.

Students can only receive credits for Math 87 twice.

## **Memorandum of Agreement** , have read the Syllabus for Math 98M and agree to its (Print) terms. Furthermore. **Initial** I agree to be moved to the Math 97 course if I fulfill the criteria stated In the syllabus. If I am absent from class for more than five (5) days throughout the semester, I agree to be dropped from the class roster and receive a "W" grade for the Math 98M course without any tuition refund whatsoever. I understand that if I receive a "W" or "N" grade for Math 98M, I will not receive credit in Math 97. I also understand that by receiving a "W" or "N" grade I may accrue a financial obligation with the Financial Aid Office of Honolulu Community College and/or any other agency that has granted me aid and that I may have to pay back some or all of the financial aid I have received for this semester.

Date

Signature of Student

#### Grade Distribution for Math 98 - Fall 2010

#### SPRING 2011 Headcount Enrollment for MATH 98: 216

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Total	121	V%
CR	50	41.3
N	33	27.3
W	38	31.4
MATH 97		
Total	69	
CR	68	98.6
W	1	1 4

#### Grade Distribution for MATH 20B/C/D - Fall 2009

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MATH 20B	343		
CR	166		
N	170		
NC	1		
W	6		
MATH 20C	344		
CR	107		
N	232		
W	5		
MATH 20D	324		
CR	93		
N	226		
RD	1		
W	4		
Success rate		2/8.7%	



# LESSONS LEARNED

Get instructors who have the same teaching philosophy

Be open, flexible, and willing to make changes as needed

Get administrative support

Think about your student population and go with the model that you feel will work for them

# For syllabus, log on to http://honolulu.hawaii.edu/syllabus

Click on Math and submit Download Math 98M, Spring 2011