MA 098 Basic Mathematics

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Honolulu, Hawaii

Spring Semester, 1998; Day Session

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Assessment Rubric

Excellent:

- Student's work is complete and demonstrates understanding of concepts.
- Student's choice of algorithm is appropriate and efficient.
- Student's responses are clear, coherent and unambiguous.
- Student communicates effectively.
- Student demonstrates a firm grasp of mathematical ideas and processes.
- Student presents strong supporting arguments.

Very Good:

- Student's work is mostly complete and usually demonstrates understanding.
- Student exhibits a few minor flaws in content knowledge and understanding.
- Student uses appropriate, efficient algorithms most of the time.
- Most of the student's responses are clear and coherent.
- Student's communication is clear, with few uses of incorrect notation.
- Student demonstrates, with minor exceptions, a grasp of mathematical ideas and processes.
- Student presents supporting arguments that may contain minor flaws.

Good:

- Majority of work is complete but often reflects procedural thinking and understanding.
- Some flaws, mostly minor, in content knowledge.
- Student's responses are based on rote procedures with incomplete justification.
- Student's communication is sometimes vague or includes incorrect notation.
- Student demonstrates a partial grasp of mathematical ideas and processes.
- Student presents supporting arguments that may contain major flaws.

Fair:

- Student's work is incomplete or unorganized and demonstrates little understanding.
- Student exhibits some major flaws in content knowledge.
- Many of the student's responses are incoherent and do not justify the work.
- Student communication is often vague and uses incorrect notation.
- Student demonstrates little understanding of the mathematical ideas and processes.
- Student seldom presents supporting arguments or those presented have major flaws.

Poor:

- Majority of work is incomplete and not thoughtfully done.
- Student exhibits many major flaws in content knowledge.
- Most, if not all, of the student's responses are vague and fail to justify work.
- Student communication is always vague.
  Student shows little or no understanding of the mathematical ideas and processes.

FD99

MA 098

CHAMINADE UNIVERSITY OF HONOLULU

Fall, 1999
Bro. Fred

TEXT: Mathematical Investigations, by DeMarois, McGowen, and Whitkanack

Course work:

There are 41 sections in the textbook, and we should try to do all of them. This means that we will aim to do one section per class period. Since there are 42 class periods scheduled, this will not leave us much leeway.

Method:

Work will be done in class, in small groups. There is no competition for grades in this course. You are encouraged to work together both in class and outside of class. The more you do, the easier it will become.

In this method, **all** assume responsibility for learning and teaching. Each one can contribute something. You may be surprised at how much is accomplished this way, and how much more interesting it can be. Success, though, depends on regular attendance.

Assessment will be based on various things: my classroom observations of your participation in group work; writing assignments; occasional personal interviews; some group quizzes or other activities. There is no "quota" or limit on the number of good grades; if everyone deserves an A, then so be it.

Although you will not receive college credit for this course, your grade **will** affect your GPA, so it pays to do your best in it.

Getting help:

You should be able to get additional help, if you need it, at the **Math Lab** in HH 20, once it is organized. No appointment needed. You can also pop into my office to see whether I am around to answer any questions you might have. (As of opening day, I do not have a permanent office, or a university email address yet.)

The **Learning Center** will be happy to provide you with a tutor. It is located on the bottom floor of Eiben Hall. You may need to make an appointment.

If you are computer-literate, you might find some useful sites on the Web. If so, please share the web addresses with the rest of the class, and let me know as well, so that I can compile a list of useful sites.