Mathematics and Its Applications
Spring Semester 2004

Course MATHS 125 Section 17 TR 5:00 – 6:15 pm RB 121

Instructor Hanspeter Fischer

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Office Hours Mon 12:00 – 12:50 pm, Tue 10:00 – 10:50 am, Wed 1:00 – 1:50 pm,
Thu 2:00 – 2:50 pm, Fri 12:00 – 12:50 pm, and by appointment.

Recommended Background Three years of college preparatory mathematics in high school.

Text For All Practical Purposes: Mathematical Literacy in Today’s World,

Contents This course will cover Chapters 1 through 8, as well as Chapters 12,
14, 16, 21 and 22 of the textbook.

Homework After covering a section, homework will be assigned, which will be due
the next meeting. A designated selection of these problems will be
collected and graded. When submitting exercises make sure to have
your name, course number, and section number on all pages of your
assignment in order to be eligible for credit. All assignments (with due
dates) will be available online at above Website.

Examinations There will be three (in-class) examinations. The third exam will be
given during the final exam period, Wednesday, May 5, 4:30-6:30 pm,
although it will not be comprehensive. All exams must be taken at
their scheduled time; the only exception being a verifiable illness or
family emergency, of which you must inform your instructor before
the test.

Evaluation Each of the three exams is 30% of your grade. Homework accounts for
the remaining 10%.

The approximate grading scale (in percent) is:
A: 90 – 100, B: 80 – 90, C: 70 – 80, D: 60 – 70, F: below 60.

Time Table A tentative schedule is attached. See above Website for changes and
updates.

Deadlines The last day to change a course is Friday, January 16.
The first course–withdrawal period ends on Thursday, February 12.
The second course–withdrawal period ends on Friday, March 26.

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**Goals**  
MATHS 125 satisfies the University Core Curriculum requirement for mathematics. The course includes topics of discussion and learning that provide students with the basic academic and intellectual tools of mathematics, especially the ability to organize their mathematical thinking to communicate with others, so that they have a better understanding of their civilization. MATHS 125 also seeks to help students develop the ability to use mathematical thinking and reasoning to recognize and solve the common problems of living.

For more information about the course and UCC goals, please visit the following site:

http://www.cs.bsu.edu/homepages/math/ugsyllabi/syllabi.htm

**Remarks**  
(1) It takes time to digest and master new concepts. Make sure that you reserve enough time outside of class to do so.

(2) Everybody is strongly encouraged to form study groups with classmates. However, credit should be claimed only for one’s own work.

(3) If you need course adaptations or accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible.