COLUMBUS STATE COMMUNITY COLLEGE MATHEMATICS DEPARTMENT
COURSE SYLLABUS

COURSE NUMBER: MATH 121 COURSE NAME: Mathematics for Computer Technology QTR./YR.: _____
PREREQUISITE: MATH 103 with a grade of "C" or higher, or placement by COMPASS
INSTRUCTOR:_____ E-MAIL:_____ OFFICE:_____ PHONE: _____
FAX: 287-3807

COURSE DESCRIPTION

A study of fixed and floating-point real numbers, significant digits, scientific and normalized notations; a look at algorithm, flowchart, and pseudocode forms; a comparison of decimal, binary, octal and hexadecimal numeration systems, conversions, and arithmetic in those systems; definitions, symbols and operations in set theory; logical operators with truth tables and flowcharts; and Boolean algebra.

GOALS AND/OR OBJECTIVES

To introduce the student to mathematical concepts recognized as being essential to the education of people in the field of information technology. To help develop in the students improvement in their ability to think logically and to promote further development in their reasoning and organizational skills.

TEXTBOOK: SPECIAL COURSE REQUIREMENTS

Computer Mathematics, 4th ed., Lance/Hinton; Mohican Textbook Publishing Co., 2001.
Solutions Manual To Accompany Computer Mathematics, 1st ed., Lance; Mohican Textbook Publishing, 2002 (Optional)

GENERAL INSTRUCTIONAL METHODS

Classroom lecture, discussion and recitation: To aid me in this, all cell phones and beepers should be turned off during class.

METHODS OF EVALUATION

To be determined by instructor.

GRADING SCALE (%)

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	E

UNITS OF INSTRUCTION

Chapter 1	1.1 – 1.5	Chapter 3	3.1 – 3.2	Chapter 5	5.1 – 5.5	Chapter 9	9.1 – 9.5
Chapter 2	2.1 – 2.3	Chapter 4	4.1 – 4.7	Chapter 8	8.1 – 8.5		

DISABILITY SERVICES

It is college policy to provide reasonable accommodations to students with special needs. If you would like to request such accommodations because of a physical, mental, or learning disability, please make your needs known to me right a way.

STATEMENT FOR ACADEMIC ASSESSMENT

Columbus State Community College is committed to assessment (measurement) of student achievement of academic outcomes. This process addresses the issues of what you need to learn in your program of study and if you are learning what you need to learn. The assessment program at Columbus State has four specific and interrelated purposes:

1. to improve student academic achievement;
2. to improve teaching strategies;
3. to document successes and identify opportunities for program improvement;
4. to provide evidence for institutional effectiveness.

In class you are assessed and graded on your achievement of the outcomes for this course. You may also be required to participate in broader assessment activities.

ATTENDANCE POLICY

Class attendance is extremely important. You are expected to attend class each time. If, however, you should miss a class, you are still responsible for the material covered in your absence. In fact, when you miss a class, you place yourself at a disadvantage. Not only do you miss the explanation of the material, but you also miss out on the questions asked by others

in the class and my responses to those questions. If you should miss class the time before a quiz or test, you are still expected to take the quiz or test at the time it is given to the class.

If you should decide to drop this course, but do not officially do so through Records & Registration, a failing grade will be recorded on your transcript. **The last day to drop this course is xxxxxxxxxxx**. No drops will be allowed after that date. Drop forms are available from the Counseling/Advising Center and from Records and Registration.

FINANCIAL AID RECIPIENTS

If you are receiving financial aid, your attendance will be closely monitored and reported by me three times during the quarter. Failure to attend class may result in your being academically withdrawn from this class. Please refer to the "*Standards of Satisfactory Progress*" or call the Financial Aid Office at 287-2648 if you have any questions.

LRL

4/2005