



Northwest-Shoals Community College

MTH 090 Basic Mathematics

Specific Syllabus

Mathematics, Science, and Technologies Division

Fall Semester 2007

Mon. & Wed. 5:30 p.m. – 6:45 p.m.

Instructor Name: Dr. John Landers

Phone Number: (256) 446-6465

Office Hours: TBA

Email: jland63@bellsouth.net

Tentative CLASS SCHEDULE

WEEK/DATE	TOPIC	ASSIGNMENTS
1 8/20 8/22	Pretest Whole number arithmetic	1.1 , 1.2
2 8/27 8/29	Rounding & Estimation With Operations Order of Operations	1.3 1.4
3 9/3 9/5	Labor Day Add & subtract integers-	2.1
4 9/10 9/12	Add & subtract integers- Multiply & divide integers-	2.2 2.3
5 9/17 9/19	Order of Operations Order of Operations	2.4 2.4
6 9/24 9/26	TEST 1—chapters 1& 2 Add & subtract fractions	3.1-3.2
7 10/1 10/3	Multiply & divide fractions Exponents & Order of Operations	3.2-3.3 3.3
8 10/8 10/10	TEST 2—chapter 3 Add & subtract decimals	4.1, 4.2
9 10/15 10/17	Multiply & divide decimals Percents	4.2 4.3
10 10/22 10/24	Real number TEST 3—chapter 4	4.4
11 10/29 10/31	Simplify variable expressions Simplify variable expressions	5.1 5.1
12 11/5 11/7	Perimeter & Area Solving Equations	5.2 6.1
13 11/12 11/14	Veteran's Day Solving Equations	6.3
14	Thanksgiving Break	
15 11/26 11/28	Solve equations TEST 4—chapters 5 & 6	6.3
16 12/3 12/5	Add & subtract polynomials Polynomials	8.1 8.2
17 12/10 12/12	Review for Final Exam Comprehensive FINAL EXAM Ch. 1,2,3,4,5,6,8 5:30 pm to 7:30 pm on December 12th	

Math 090 Basic Mathematics

NORTHWEST- SHOALS COMMUNITY COLLEGE **Specific Syllabus**

TITLE OF COURSE: Basic Mathematics (MTH 090)

DIVISION: Mathematics, Science, & Technology

COURSE DESCRIPTION: This is a developmental course reviewing arithmetical principles and computations designed to help the student's mathematical proficiency for selected curriculum entrance.

PRE-REQUISITE(S): None

CO-REQUISITE(S): None

REQUIRED TEXTBOOK(S): Introductory Algebra with Basic Mathematics by Aufmann, Barker & Lockwood, 2nd edition, Houghton Mifflin Co., 1996.

RECOMMENDED TEXTBOOKS: None

SUPPLIES: Any basic scientific calculator is recommended

COURSE OBJECTIVES: Upon successfully completing Basic Mathematics, the student should be able to:

1. Perform arithmetic operations and use the Order of Operations Agreement on integers.
2. Perform arithmetic operations and use the Order of Operations Agreement on fractions.
3. Perform arithmetic operations and use the Order of Operations Agreement on decimals.
4. Solve problems involving percent.
5. Solve proportions.
6. Evaluate perimeter and area of a plane geometric figure.
7. Simplify variable expressions.
8. Solve one-step and two-step equations using: Addition, Multiplication, and Distributive Properties.
9. Add and subtract and polynomials.

METHOD (S) OF EVALUATION: There will be at least four (4) exams during the semester that will be used to evaluate the student's understanding of all topics. The final exam will be comprehensive. All

homework assignments may be averaged together for an extra exam grade. The average of these scores will constitute the student's grade.

Grading Scale:

90-100	A	I = Incomplete
80-89	B	W = Withdrawn
70-79	C	WP = Withdrawn Passing
60-69	D	WF = Withdrawn Failing
≤ 59	F	

The student will be responsible for maintaining any graded material once the material has been returned by the instructor.

MAKE-UP EXAMINATIONS: Make-up examinations, as such, will not generally be given. The grade on the final examination will be substituted for the missed examination. If more than one exam is missed, a grade of zero will be substituted for each subsequent exam. No make-ups will be given for missed class assignments.

HOMEWORK: To be successful in the course, the student is encouraged to complete assignments on time. Most assignments consist of problems from the sections covered during class instruction. Items on the exams will be similar to the homework and class exercises. All homework **may** be averaged together to count as one test grade.

ADA INFORMATION: It is the policy of Northwest-Shoals Community College to comply with the Americans with Disabilities Act (ADA). Any disabled student needing and desiring accommodations for this class should notify the instructor and/or student services. See Linda Waide for documentation of disability (Phone: 331-5321).

ATTENDANCE: A student who is absent due to required participation in a school activity must make arrangements prior to the absence to make up any missed exam or homework assignment. No absences are considered excused except for those required for participation in a required school activity.

TARDINESS: Students are always expected to be in class on time. In the rare event that a student does arrive late, it is his/her responsibility to inform the instructor at the end of that class session and obtain any missed assignments or information.

WITHDRAWAL POLICY: A student who is unable to complete a course is expected to withdraw from that course by the end of the sixty-percent date (published in the class schedule each semester). Withdrawal by the end of the sixty-percent date can be done without penalty, and the student will receive a grade of "W" for the course. This withdrawal is done only by student request. This allows a student to "try out" a particular course for sixty percent of the class meetings, then withdraw if he/she is unable to be successful in the course. The grade of "W" is allowed regardless of the student's grades to the point of withdrawal. **The last day to withdraw this semester is March 15, 2007.**

After the sixty-percent date, the approval of the Chief Instructional Officer is required prior to allowing a student to withdraw. The determination of "WP" (Withdrawal Passing) or "WF" (Withdrawal Failing) will be made by the instructor for the course and is based on the student's grades to the point of withdrawal.