Lynne Baikal

Common Language for MATH 101 Syllabi **Fall 2010**

Department of Mathematical Sciences

READ THIS SYLLABUS CAREFULLY. YOU ARE RESPONSIBLE FOR KNOWING THIS INFORMATION!

Prerequisite: Placement examination, or a grade of C– or higher in MATH 099.

Course Description: MATH 101 is the second in a two-course sequence in elementary and intermediate algebra (MATH 099/MATH 101) designed to provide students with a foundation to study college level mathematics. MATH 101 carries three credits that count toward meeting the minimum number of credits required for graduation but do not satisfy the general education requirement. Mastery of material in this course is necessary for success in mathematics and statistics courses with numbers greater than 100 and for courses in the natural and social sciences. You must earn a C– or higher in MATH 101to meet the prerequisite for any Skill Area II general education course.

The major goals of this course are:

a. to gain an appreciation for the role variables play in constructing mathematical models;
b. to use tables, graphs, and equations to model mathematical situations;
c. to gain facility in using the symbolism of algebra to solve equations and find equivalent expressions;
d. to gain facility in solving word problems; and
e. to gain an appreciation for the applications of algebra to a wide variety of "real world" situations.

Instructor: Mrs. Lynne Baikal

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Office Hours: Thurs.: 9:15 – 10:45 am & by appointment

Textbook: Elementary and Intermediate Algebra: A Practical Approach by T. Craine, J. McGowan, and T. Ruben, published by Houghton Mifflin (ISBN 0-618-10337-6). Note: This textbook is used for both MATH 099 and MATH 101.

Coverage: In MATH 101 you are responsible for all of the material in Chapters 7-12 except for the optional sections marked with an asterisk (*). The six chapters will be covered in the order they appear in the text. Each section has 25 problems at the end, 15 new problems and 10 skill and review problems. All problems will be assigned and you are expected to work all of them.

Class Meeting Times: This class meets for 150 minutes of instruction per week:
Tues. & Thurs. 8:00 – 9:15 am in DiLoreto 307

Attendance will be taken.

Course Requirements: Attend and participate in class regularly; complete homework assignments; take quizzes and tests, as scheduled. A general rule for any college course is that you are expected to put in at least 2 hours of work outside of class for every hour in class. **For MATH 101, the expectation is at least 6 hours per week outside of class.**

Calculator Use: Graphing calculators are required for MATH 101. The textbook is based on the TI-82 and the TI-83, and I will be using one of these in class. Please let me know if you are using some other calculator, and I can help you make adjustments.

Electronic Devices Policy: Cell phones, laptops and PDA's are not to be used during class, exams, or quizzes unless special accommodations are necessary. **Moreover, cell phones are not to be on your person during class. They are to remain in your book bag!!**

University Policies:

1. You must take the final examination at the time specified in the course selection book:
Thursday, Dec. 16 at 8 am in DiLoreto 307

2. Please contact me privately to discuss your specific needs if you believe you need course accommodations based on the impact of a disability, medical condition, or if you have emergency medical information to share. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, room 241, Copernicus Hall if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.

3. In the event of a weather emergency which requires curtailment or cancellation of classes, listen to WTIC (1080 AM) or call (860) 832-3333 for the "general snow message."

4. The last day to withdraw from a course and receive the grade of "W" is Monday, October 25. Approvals for withdrawal prior to this date are not required; however, it is strongly recommended that students consult with their academic advisors prior to deciding to withdraw. Cessation of attendance, notice to the instructor, or telephone calls to the Enrollment Center are not considered official notice of a student's intention to drop the course. After October 25 withdrawals are allowed only under extenuating circumstances and require approval of the course instructor, department chair and dean of the School of Arts and Sciences.

Resources Available:

1. If you need help, take advantage of your instructor's office hours. Do not wait until just before the first test to do so.

2. The Learning Center is located in Room 241, Copernicus. Free tutoring is available in Room 241, Copernicus, and at other locations on campus. A schedule for hours the Center is open will be posted soon after the beginning of the semester.

3. Form a study group with other students in your section. Explaining solutions to homework problems to each other is a good way to learn.

4. A list of private tutors for hire is available in the math department office, Room 107 Marcus White, 832-2835.

Evaluation

Minimum averages have been established for each of these grades:

A	93%	B+	87%	C+	77%	D+	67%
A-	90%	B	83%	C	73%	D	63%
		B-	80%	C-	70%	D-	60%

The average for the course will be based on the following weights:

3 tests	50%
Graded assignments, quizzes, classwork	25%
Department Final Examination	25%
Total	100%

The final exam is set by the Department and consists of 30% skills and 70% graphs and problem solving.

Note: In order to receive the grade of C- or better for the course, you must receive the grade of at least 60% on the final exam.

Schedule of Important Dates

Test 1 – Thurs. Sept. 30

Test 2 – Thurs. Oct. 28

Test 3 – Tues. Dec. 2

Final Exam Part 1 – Thurs. Dec. 9 in class

Final Exam Part 2 – Thurs. Dec. 16 at 8:00 am

All students are expected to demonstrate integrity in the completion of their coursework. Academic integrity means doing one's own work and giving proper credit to the work and ideas of others. It is the responsibility of each student to become familiar with what constitutes academic dishonesty and plagiarism and to avoid all forms of cheating and plagiarism. Students who engage in plagiarism and other forms of academic misconduct will face academic and possibly disciplinary consequences. Academic sanctions can range from a reduced grade for the assignment to a failing grade for the course. From a disciplinary standpoint, an Academic Misconduct Report may be filed and a Faculty Hearing Board may impose sanctions such as probation, suspension or expulsion.

For further information on academic misconduct and its consequences, please consult the Student Code of Conduct (http://www.ccsu.edu/StudentConduct) and the Academic Misconduct Policy (http://www.ccsu.edu/AcademicIntegrity).

Suggested Time Table for MATH 101 **Fall Semester 2010**

Classes meet for approximately 15 weeks prior to the final examination.

MWF classes meet for 40 fifty-minute periods. TR classes meet for 29 seventy-five-minute periods.

Schedule allows MWF classes to have four 50 minutes tests and TR classes to have three 75 minute tests. In addition, Part I of the final exam may be given on the last day of classes.

This schedule is a suggestion only. However, all instructors should pace their course to cover all six chapters in order and leave time at the end to review for the final examination.

Week	Dates	Monday	Wednesday	Friday	Dates	Tuesday	Thursday
1	**8 30-9/3**	7.1	7.2	7.2-7.3	**8/31-9/2**	7.1	7.2
2	**9/6-9/10**	*No Class*	7.3	7.4	**9/7-9/9**	7.3	7.4
3	**9/13-9/17**	8.1	8.2	*Review*	**9/14-9/16**	8.1	8.2
4	**9/20-9/24**	*Test to 8.2*	8.3	8.4	**9/21-9/23**	8.3	8.4
5	**9/27-10/1**	9.1	9.2	9.2-9.3	**9/28-9/30**	9.1/*Review*	*Test to 8.4*
6	**10/4-10/8**	9.3	*Review*	*Test to 9.3*	**10/5-10/7**	9.2	9.3
7	**10/11-10/15**	10.1	10.2	10.2-10.3	**10/12-10/14**	10.1	10.2
8	**10/18-10/22**	10.3	10.3-10.4	10.4	**10/19-10/21**	10.3	10.4
9	**10/25-10/29**	11.1	11.1-11.2	11.2	**10/26-10/28**	*Review*	*Test to 10.4*
10	**11/1-11/5**	11.2-11.3	11.3	11.3-11.4	**11/2-11/4**	11.1	11.2
11	**11/8-11/12**	11.4	*Review*	*Test to 11.4*	**11/9-11/11**	11.3	11.4
12	**11/15-11/19**	12.1	12.1-12.1	12.2-12.3	**11/16-11/18**	12.1	12.2
13	**11/22-11/26**	12.3	*No Class*	*No Class*	**11/23-11/25**	12.3	*No Class*
14	**11/29-12/3**	12.3	*Review*	*Test to 12.3*	**11/30-12/2**	*Test to 12.3*	*Review*
15	**12/6-12/10**	*Review*	***Final Part 1***	*No class*	**12/7-12/9**	*Review*	***Final Part 1***
16	**12/13-12/17**	***Final Exam Part 2***			**12/14-12/16**	***Final Exam Part 2***	