Math 1075 **Precollege Mathematics II** **Spring 2018**

Required Materials:

Textbook: Miller/O'Neil/Hyde. Beginning and Intermediate Algebra (4th ed), OSU Custom version, McGraw-Hill. ISBN: 9781259541650

Technology: All students are **required** to have a graphing calculator. ***A TI-83 or TI-84 is recommended.***
***NOTE*: Any calculators (including TI-89 and TI-92) that use a Computer Algebra System (CAS) are not permitted.**

Course Grade:

Math 1075 will be a weighted, percentage-based grading system. Each assessment or category will count a certain percentage towards your final grade.

Assessment or Category	Percentage of Final Course Grade
Midterm 1 (§5.1 – 5.5 & §6.1 – 6.7): Tuesday, February 6th 6:30 – 7:25pm	**15.4%**
Midterm 2 (§7.1 – 7.8, §8.1 – 8.4): Tuesday, March 6th 6:30 – 7:25pm	**15.4%**
Midterm 3 (§9.1 – 9.8, §10.1 & 10.2): Tuesday, April 10th 6:30 – 7:25pm	**15.4%**
Final Exam (Comprehensive): Wednesday, April 25th 8:00 – 9:5pm	**30.8%**
Quizzes (best 8 out of 10)	**12.5%**
ALEKS Homework*	**10.5% + up to 2% bonus**
Total:	**102% (with full ALEKS bonus)**

Final grades will be based on the percentage cut-offs indicated below. ***There will be no curve in this class.***

Grading Scale

A: ***88 – 100%*** **A-:** ***85 – 87.9%*** **B+:** ***82 – 84.9%*** **B:** ***79 – 81.9%*** **B-:** ***76 – 78.9%*** **C+:** ***73 – 75.9%*** **C:** ***69 – 71.9%*** **C-:** ***65 – 68.9%***
D: ***61 – 64.9%*** **E:** ***0 – 60.9%***
(*Students will need a course grade of C– or better in Math 1075 in order to progress to the next math class*.)

Homework: Your homework will be done using ALEKS, an artificially intelligent, online learning system instead of the traditional pencil and paper homework assignments. Each homework assignment will be a component of your overall ALEKS Pie. To earn the bonus credit, students will need to successfully complete 100% of the ALL course topics in ALEKS. *The recommended problems listed below are intended to supplement your practice as provided by the ALEKS homework.*
Students are responsible for completing ALEKS homework before 11:59pm on the due date.

Quizzes: There are 10 quizzes, worth 10 points each, which are based on the homework assignments and will be given in your recitation class. The best 8 quiz scores will count towards your quiz grade, meaning the lowest two quiz scores will be dropped.
There will be no make-up of quizzes; if you miss a quiz that will be one of your two dropped scores.

Carmen: Carmen is a web-based course tool that allows you to view your grades and contains important course materials. You can access Carmen by visiting **http://carmen.osu.edu**. You will need your OSU ID (name.#) and password (the same ID and password which you use to access the Registrar's website).

Exam Rooms:

Exam room assignments change for students enrolled in day sections of the course. The exam room assignments will be posted at least a week in advance of the exam date. You must have your Buck ID at each exam to verify your identity.

Make Ups Exams:

You must have a **permission slip** that has been completed by your lecturer **and your Buck ID** to take a make-up exam. To receive a permission slip, you must provide your lecturer with documentation demonstrating a conflict with the regularly scheduled exam. Make-up midterms are scheduled for the morning after each midterm from 8:00 – 8:55am in SOE 040.

Final Exam:

The final examination is scheduled for Wednesday, April 25th from 8:00 – 9:45pm, and the final exam make-up will take place on Thursday, April 25th from 8:00 – 9:45am. The location of the make-up final will be announced along with the final exam room assignments. ***The final exam is cumulative, i.e. it will cover material from all sections of the textbook.***

Extra Help:

Office Hours: Your lecturer and recitation instructor will have office hours for individual help.

The MSLC (Mathematics and Statistics Learning Center) offers the following services:

- Tutor Room: The Math 1075 tutor room is located in Cockins Hall, room 004 (CH 004) and is open Monday through Thursday, 10:20am – 7:30pm starting Tuesday, January 9th.
  Sunday tutoring hours are in the Math Building room 010 (MA 010) from 3:00pm – 7:00pm starting January 14th.
- Exam Reviews: The MSLC provides exam reviews for each exam and narrated solutions to each exam review, including the final exam.
- Workshops: Periodically the MSLC hosts workshops that focus on specific topics that students tend to have the most difficulty learning

The exact dates and times of the workshops along with more details of MSLC services can be found on the MSLC website: **http:// mslc.osu.edu**

Academic Misconduct Statement:

It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term "academic misconduct" includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee. For additional information, see the Code of Student Conduct (http://studentaffairs.osu.edu/resource_csc.asp).

Disability Statement:

Students with disabilities that have been certified by Student Life Disability Services (SLDS) will be appropriately accommodated and should inform the instructor as soon as possible of their needs. SLDS contact information: slds@osu.edu; 614-292-3307; 098 Baker Hall, 113 W. 12th Avenue.

GEC Information:

This mathematics course can be used, depending on your degree program, to satisfy the Quantitative and Logical Skills category of the General Education Requirement (GEC). The goals and learning objectives for this course are to provide students with basic computational skills and the ability to solve problems based on simple mathematical models. The course meets the needs of students entering the University with Course Code S on the Math Skills Assessment Test, or with credit for Math 1050.

Prerequisites:

The prerequisites for this course are either a grade of C– or above in Math 1050, a passing grade in Math 75 or Math 1074, or Math Skills Assessment level R or S. Students who do not have the prerequisites are liable for dismissal from this course in accordance with faculty rule #3335-7-33. Please see your advisor to adjust your schedule if necessary. *Not open to students with credit for any higher numbered math class, or any quarter class numbered higher than 75.*

Catalog Description:

Algebraic, rational, and radical expressions; functions and graphs; quadratic equations; absolute value; inequalities; and applications.

Math 1075 Homework

Section	Recommended homework problems from the textbook
5.1	11 – 47 every other odd, 53, 55
5.2	9 – 73 every other odd
5.3	7 – 51 every other odd
5.4	9 – 49 every other odd
5.5	7 – 55 every other odd
6.1	17 – 77 every other odd
6.2	3 – 19 odd, 31 – 65 odd, 73
6.3	11 – 79 every other odd, 85, 87
6.4	13 – 77 every other odd
6.5	15 – 45 odd, 51 – 71 every other odd
6.6	15 – 67 every other odd
6.7	15 – 71 every other odd
7.1	3 – 9 odd, 13 – 23 odd, 43 – 103 every other odd
7.2	9 – 65 every other odd
7.3	17 – 57 every other odd
7.4	5 – 69 every other odd, 81, 83
7.5	7 – 33 odd
7.6	9 – 73 every other odd
7.7	11 – 67 odd
7.8	13 – 57 every other odd
8.1	7 – 29 odd
8.2	5 – 15 odd, 21 – 65 every other odd, 79 – 93 odd
8.3	9 – 15 odd, 29 – 51 odd
8.4	3 – 21 odd, 25 – 81 every other odd
9.1	9 – 81 every other odd, 87 – 93 odd
9.2	7 – 87 every other odd
9.3	11 – 71 every other odd
9.4	15 – 63 every other odd
9.5	9 – 85 every other odd
9.6	11 – 79 every other odd
9.7	11 – 31 every other odd, 41 – 69 every other odd
9.8	9 – 97 every other odd
10.1	3 – 21 odd, 25 – 37 odd, 41 – 59 odd
10.2	9 – 33 every other odd, 63 – 83 every other odd
10.4	13 – 61 every other odd
10.5	17 – 57 every other odd
10.6	9 – 41 odd