

MATH 1075 Course Syllabus
Autumn 2019
The Ohio State University

The course syllabus is subject to change. All changes will be announced in class and/or on CARMEN.

Course Materials:

ALEKS Subscription: Students are ***required*** to have an ALEKS subscription and be enrolled in the ALEKS course for your class. Information about enrolling in the correct course can be found on Carmen. There are multiple options for purchasing an ALEKS subscription, two of which are outlined below.

- Purchasing the OSU Custom Version textbook through the OSU Bookstore (includes ALEKS access), \$93.25 for a used copy of the text or \$124.35 for a new copy
- A month-by-month ALEKS subscription, \$19.95 per month

Calculator: Students are ***required*** to have a scientific or graphing calculator; a graphing calculator is ***strongly recommended*** (TI-83 or TI-84 would be best).

Calculators with a Computer Algebra System (e.g., TI-89 and TI-92) are prohibited from use on quizzes and exams. If you are not sure about your calculator, ask your lecturer or recitation instructor as soon as possible.

Textbook: The course textbook specified below is ***strongly recommended***. The course calendar and homework assignments are all described in terms of the section numbering in the OSU Custom Version of the textbook. Purchasing a new copy of the textbook from the OSU Bookstore will include an ALEKS subscription.

Miller, J., O’Neill, M., & Hyde, N. (2014). *Beginning & Intermediate Algebra*, 4th ed. (**OSU Custom Version**). McGraw-Hill Education.

Carmen, Course Webpage, and Email: Three web-based tools are used in Math 1075 for communication and information: Carmen, the departmental Math 1075 course webpage, and your official Ohio State University email address. You can access Carmen at <http://carmen.osu.edu> using your OSU ID and password to log in. You can access the department Math 1075 course webpage at <http://math.osu.edu/courses/1075>. You are responsible for information posted or shared on Carmen, the course webpage, and email.

Course Grade: Assessments in Math 1075 and their corresponding percentage weight of the overall course grade can be found in the table below.

<u>Assessment</u>	<u>Percent of Course Grade</u>
Exam 1	15%
Exam 2	15%
Exam 3	15%
Final Exam (Comprehensive)	30%
ALEKS Homework	15%
Quizzes (best 9 out of 11)	10%

Grading Scale: Letter grades will be determined using the cut-off scores given below. The cut-off scores are subject to adjustment at the discretion of the department. There will be ***no curve*** in this course.

Note: Students need a grade of C- or higher in Math 1075 to progress to the next math class.

A: $\geq 89\%$ A-: $\geq 86\%$ B+: $\geq 83\%$ B: $\geq 80\%$ B-: $\geq 77\%$ C+: $\geq 74\%$ C: $\geq 70\%$
C-: $\geq 66\%$ D: $\geq 60\%$ E: $< 60\%$

ALEKS: Your homework will be done using the online homework system called ALEKS. There is no pencil-and-paper homework in Math 1075. It is ***highly*** recommended that you study ALEKS problems carefully and intently. See the course calendar for deadlines of each ALEKS homework assignment. ***Students are responsible for completing ALEKS homework***

by 11:59pm on the due date. Students should strongly consider utilizing the resources of the MSLC (information for which is given below under “Resources”).

ALEKS Knowledge Checks: ALEKS uses assessments called “knowledge checks” to assess students’ understanding of course material. Knowledge checks are a necessary component of ALEKS and appear periodically. **Do NOT skip knowledge checks.** Doing so may result in additional topics being added to the topics that you will have to complete before you can start your next homework assignment.

Quizzes: Quizzes are short assessments intended to keep you up-to-date with the course material. The date of each quiz as well as sections to study for each quiz are given in the course calendar. There are eleven (11) quizzes throughout this course, and your quiz average is calculated with your nine (9) highest quiz scores. Your two lowest quiz scores will be dropped from your final grade calculation.

Make-up Quizzes: If you are absent from recitation on the day of a quiz, or if you anticipate being absent from recitation, contact your recitation instructor as soon as possible, and provide documentation excusing your absence. A make-up quiz will be administered only after documentation has been provided. Legitimacy of documentation is at the discretion of your instructor(s).

Exams: Math 1075 has common evening exams (the dates and times of which are on the course calendar). This means almost all Math 1075 students take each exam at the same time during the evening. Your recitation section will take each exam together. The location of your recitation section’s exam will be posted approximately one week prior to each exam. Check Carmen as well as the department course webpage for exam locations. ***Locations for each exam may change. Bring your Buck ID to each exam to verify your identity.***

Make-Up Exams: If you have a legitimate conflict with the regular time of an exam, you may request to take a make-up exam. A **permission slip** is required to take a Make-Up Exam. To receive a permission slip, speak with your lecturer as soon as you know you have a conflict, and provide documentation if requested. Legitimacy of a conflict is to be determined by the lecturer. You also need to bring your **Buck ID** to make-up exams. Each make-up exam starts at 8:00 AM on the morning following each regularly scheduled exam. The location of each make-up midterm exam is **Baker Systems Engineering (BE) 144**. The location of the make-up final exam will be announced approximately one week prior to the final exam.

Final Exam: The Final Exam is scheduled for **Wednesday, December 11, 2019, from 8:00-9:45 PM**. Final Exam room assignments for your recitation section will be posted on Carmen and on the department course webpage approximately one week prior to the Final Exam. The Final Exam is **cumulative**, meaning questions and problems on the Final Exam will come from material across all of Math 1075. The Make-Up Final Exam is December 12, 2019, at 8:00-9:45 AM.

Resources:

- The **Mathematics & Statistics Learning Center (MSLC)** is a free resource available to all students enrolled in a mathematics or statistics course. Math 1075 daytime tutoring is held in Cockins Hall (CH) 004 Monday-Wednesday 10:20am-6:20pm, and Thursday 10:20am-5:10pm. Evening tutoring is held in Math Building (MA) 010 on Sunday from 3:00-7:00pm. You are *highly* encouraged to visit the MSLC regularly. See <https://mslc.osu.edu/courses/math/1075> for more information.
- **Instructors’ Office Hours:** Your lecturer and recitation instructor both maintain office hours. These office hours do not require an appointment and are in place for *you*. You are highly encouraged to visit your professors’ office hours regularly.
- **ALEKS Exam Reviews:** Review problems for Midterm Exams 1, 2, and 3 as well as the Final Exam are available on ALEKS under “Assignments.” Note: ALEKS Exam Reviews are optional and do NOT affect your ALEKS grade.
- **Textbook Practice Problems:** See <http://math.osu.edu/courses/1075> for a document titled “Practice Problems by Section.”

Disability Services 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.

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 #3335-8-33. 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.

GE Information: This mathematics course can be used, depending on your degree program, to satisfy the Quantitative Reasoning: Basic Computation category of the General Education Requirement (GE). The goals and learning objectives for this category are:

- Goals: Students develop skills in quantitative literacy and logical reasoning, including the ability to identify valid arguments, and use mathematical models.
- Learning objectives: Students demonstrate computational skills and familiarity with algebra and geometry and apply these skills to practical problems.

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).

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