

Syllabus – MATH 1075
Spring 2020
The Ohio State University

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

Course Materials.

- **Textbook.** There are two options for purchasing the course textbook.
 - **Option 1.** A printed copy of the textbook *Beginning & Intermediate Algebra* (4th ed., OSU Custom Version), available at the Ohio State University bookstore. If purchased as a bundle, this includes a subscription to ALEKS (used for homework in MATH 1075; see below).
 - **Option 2.** The e-textbook of *Beginning & Intermediate Algebra* (4th ed.), which can be purchased along with an ALEKS subscription. Note: the ALEKS e-textbook is not the OSU custom version but can be used. The course calendar has been written with section numbering consistent with the OSU custom version. For section-by-section equivalences between the OSU custom version and the non-OSU version, see the last page of the syllabus.
- **ALEKS Subscription.** Students are required to have an ALEKS subscription and be enrolled in the current MATH 1075 ALEKS course with their lecturer. Information about enrolling in the correct course can be found on Carmen. Information on how to access and purchase ALEKS can be found on Carmen, or by going to www.aleks.com.
- **Calculator.** Students should have a graphing calculator. Recommended models include TI-84 Plus, TI-83 Plus, or Casio fx-9750GII. Calculators with a Computer Algebra System (CAS) are not allowed. Ask your instructor at the beginning of the semester if you have questions about the calculator policy in this course.

Other Technology Used in MATH 1075.

- **CarmenCanvas**, available at carmen.osu.edu, will be used for regular communication and announcements, storing grades, and posting course files and information. Students should check Carmen regularly.
- **Gradescope**, available at www.gradescope.com, will be used to grade exams. Access to Gradescope is free for all students. More information about Gradescope will be announced on Carmen.
- **The departmental course webpage**, available at math.osu.edu/courses/1075, hosts the course syllabus and calendar as well as practice exams.

Assessments.

Assessments in MATH 1075 are described below.

Assessment	Percentage of Course Grade
Midterm Exams (3)	45%
Final Exam	28%
Quizzes (best 7 out of 10)	12%
ALEKS Homework	15%

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.

A: $\geq 90\%$ A-: $\geq 87\%$ B+: $\geq 83\%$ B: $\geq 80\%$ B-: $\geq 77\%$ C+: $\geq 74\%$ C: $\geq 70\%$
C-: $\geq 68\%$ D: $\geq 60\%$ E: $< 60\%$

Note: Students need a grade of C- or higher in MATH 1075 to progress to the next mathematics course.

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 11:59 PM on the due date.*** ALEKS grades do not transfer automatically from ALEKS to Carmen; they will be updated periodically throughout the semester.

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.

ALEKS Extra Credit Opportunity. In ALEKS, under the “Assignments” tab, several modules have been created. Included in these are modules titled “Review of Prerequisite Topics” (Part I, Part II, and Part III). Completion of these modules is optional, but students who complete all three components to “Review of Prerequisite Topics” by the deadline (**Monday, January 27, 2020 by 11:59 PM**) will receive a 10% bonus to their overall ALEKS grade.

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 ten (10) quizzes throughout this course, and your quiz average is calculated with your seven (7) highest quiz scores. Your three lowest quiz scores will be dropped from your final grade calculation. ***No make-up quizzes will be given. If you are absent from a quiz (for any reason), this quiz score will be one of your three dropped scores.***

Common Evening Exams. This course has common evening exams, meaning students will take each midterm and the Final Exam at the same time in the evening. The dates and times of each midterm exam are below and can also be found on the course calendar.

- Midterm Exam 1: February 4, 2020, 6:30-7:25 PM
- Midterm Exam 2: March 3, 2020, 6:30-7:25 PM
- Midterm Exam 3: April 7, 2020, 6:30-7:25 PM
- Final Exam: April 22, 2020, 6:00-7:45 PM

Locations for each midterm exam and the Final Exam will be posted on Carmen, posted on the departmental webpage, and announced in class approximately one week prior to each exam. Your recitation section will take each exam together.

Note: Locations for each exam may change. Bring your Buck ID to each exam to verify your identity.

Midterm Exams. There are three (3) midterm exams throughout this course. Textbook sections included on each exam can be found on the course calendar.

Make-Up Midterm 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 midterm exam is 8:00-8:55 AM on the morning following each regularly scheduled exam. The location of each make-up midterm exam is **Journalism Building, Room 251.**

Final Exam. The Final Exam is scheduled for **Wednesday, April 22, 2020, from 6:00-7:45 PM.** Final Exam room assignments for your recitation section will be posted and announced 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.

Make-Up Final Exam. The Make-Up Final Exam is Thursday, April 23, 2020 from 8:00-9:45 AM. Students who have a legitimate conflict with the regularly scheduled Final Exam should request to take the Make-Up Final Exam as soon as possible by contacting their lecturer. A **permission slip** is required, and students must have their **Buck ID** at the exam. The location of the Make-Up Final Exam will be posted with other Final Exam locations.

Additional Course Information.

Free Resources for All MATH 1075 Students.

- The **Mathematics & Statistics Learning Center (MSLC)** is a free resource available to all students enrolled in a mathematics or statistics course. 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.
- **ALEKS Reviews of Prerequisite Topics:** See the section "ALEKS Extra Credit Opportunity" above.
- **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.

Section-by-Section Equivalences. The course textbook is *Beginning & Intermediate Algebra* by Miller, O’Neill, and Hyde (4th ed., OSU custom version). The course calendar has been written to reflect the section numbering in this textbook. Students have the option to instead purchase the e-textbook on ALEKS. However, the e-textbook is not the OSU custom version, and some section numbers are different. Below is a table listing the equivalent sections between the OSU custom version and the non-OSU version of the textbook. *Students using the non-OSU version of the textbook are responsible for knowing which sections to study for quizzes and exams.*

OSU Custom Version	Non-OSU Version (ALEKS e-textbook)
Section 5.1	Section 2.8
Sections 5.2, 5.3-5.5	Sections 9.1, 9.3-9.5
Sections 6.1-6.7	Sections 6.1-6.7
Sections 7.1-7.7	Sections 7.1-7.7
Section 7.8	Section 8.5
Sections 8.1-8.4	Sections 8.1-8.4
Sections 9.1-9.7	Sections 10.1-10.7
Sections 10.1-10.5	Sections 11.1-11.5