

# CHM1025 INTRODUCTORY CHEMISTRY

SUMMER B 2022

## INSTRUCTOR INFORMATION

| Instructor                        | Email/Office/Phone                              | Preferred Contact   |
|-----------------------------------|---|---|
| Melanie Veige<br>melveige@ufl.edu | Email in Canvas only<br>352-392-0518<br>CCB 103 | Email only; calls or voice messages may not be returned as class is online; Zoom office hour times posted in Canvas |

## TEACHING ASSISTANT/UNDERGRADUATE TAs

Graduate TAs: Jarrad Pazda & Tyler Wagner; contact via Canvas email; Zoom office hours posted in Canvas

[Broward Teaching Center](#) offers free virtual tutoring assistance. See their website for details.

## COURSE DELIVERY/MEETING TIMES

The course is 100% online/asynchronous. Students read through the text material and watch recorded lecture videos such that they keep up with the posted course schedule. Office hours are scheduled regularly during which time students may attend to ask course related questions. Outside of office hour times, students can post questions to the course Discussion Boards or use Canvas email.

## COURSE FEES

Additional Course Fees: \$22.00 (class number 10548)

## A NOTE ABOUT THE CONDENSED SUMMER B TERM

This is the same course students complete over 16 weeks each fall and spring term, condensed into a 6 week period. You can expect the pace and workload of the course to be correspondingly intense. The course material and tasks are identical to those completed over 16 weeks.

## AUDIO/VIDEO PRESENCE POLICY

As in all courses, unauthorized recording and unauthorized sharing of recorded materials are prohibited.

Full audio and video presence are required for proctored tests administered by Honorlock.

## GENERAL INFORMATION

### COREQUISITES

MAC1147 or the equivalent is a published co-requisite. Refer to the Course Catalog for math requirements to continue in general chemistry sequence. The math requirement of a C or higher in MAC1147 or the equivalent or higher is strictly enforced for CHM2045. A C or higher in CHM1025 is also required for progression to CHM2045, no matter the ALEKS math placement score.

## COURSE DESCRIPTION/GOALS

CHM 1025, a two-credit course, is offered for students who wish to strengthen their understanding of basic concepts of atomic structure and stoichiometry before beginning the general chemistry sequence (CHM 2045/2045L, CHM 2046/2046L). This introductory readiness course in general chemistry is for those with weak yet satisfactory backgrounds in high school chemistry and algebra. (P)

By the end of this course, students will be able to interpret tables of data and graphs of various forms, and students will be competent in using mathematics to solve problems in chemistry. Students will be able to understand concepts related to atomic and molecular structure, and relationships between heat and energy. Students will be able to describe the basic model of the atom, and explain theories of chemical bonding and the forces that influence molecular shape. Students will be able to write and balance chemical equations, and to use the concept of the mole in quantitative calculations. Students will be able to apply these principles to solve problems in a variety of contexts.

## FIRST DAYS

Log into Canvas and access the course. You should check daily for new *Announcements* and/or emails containing important information and reminders. Click on the *Syllabus* tab to review the due dates for all assignments for the entire term. Click on *Modules* and read all of the information under the *Settling In* section. Many of your questions are answered in the *Settling In* section including: Which types of calculators are approved? What is Honorlock? What is ALEKS? How do you get help? Can assignments be submitted late? What does the formula sheet for an exam look like?

## GENERAL EDUCATION OBJECTIVES AND LEARNING OUTCOMES

Primary General Education Designation: Physical Sciences (P) ([area objectives available here](#))

A minimum grade of C is required for general education credit. Courses intended to satisfy the general education requirement cannot be taken S/U.

Physical science courses provide instruction in the basic concepts, theories and terms of the scientific method in the context of the physical sciences. Courses focus on major scientific developments and their impacts on society, science and the environment, and the relevant processes that govern physical systems. Students will formulate empirically-testable hypotheses derived from the study of physical processes, apply logical reasoning skills through scientific criticism and argument, and apply techniques of discovery and critical thinking to evaluate outcomes of experiments.

In Introduction to Chemistry, these objectives will be met in a variety of ways detailed below.

At the end of this course, students will be expected to have achieved the following learning outcomes in content, communication, and critical thinking:

**Content:** *Students demonstrate competence in the terminology, concepts, theories and methodologies used within the discipline.* Students will acquire a basic knowledge of a variety of chemistry concepts including terminology describing chemical reactions, stoichiometry, and mathematical concepts (SI units, compound and derived units, significant figures, etc.). Students will become familiar with major scientific discoveries, and with the scientific method and problem solving strategies. Achievement of this learning outcome is assessed by online homework and in the course of completing quizzes and exams.

**Communication:** *Students communicate knowledge, ideas, and reasoning clearly and effectively in written and oral forms appropriate to the discipline.* Students participate in asynchronous class discussions throughout the semester to discuss methods of problem solving and to clarify challenging topics. Achievement of this learning outcome is encouraged and developed by written communication with the student in the form of email and on discussion boards, and by use of discipline-specific language in instructor/TA office hours. Achievement is assessed as a matter of course in online homework problems and on quizzes and exams.

**Critical Thinking:** *Students analyze information carefully and logically from multiple perspectives, using discipline-specific methods, and develop reasoned solutions to problems.* Students solve a variety of problems in different formats as a course of regular weekly online homework, and on quizzes and exams. Achievement of this learning outcome is largely assessed by homework, quizzes, and exams.

## COURSE LEARNING OUTCOMES

A complete list of student learning outcomes is posted in Canvas, organized by module/chapter.

## REQUIRED & RECOMMENDED COURSE MATERIALS

### TEXTBOOK (ONLINE EBOOK WITH HOMEWORK; REQUIRED IN FULL)

A significant portion of your grade stems from electronic homework (ALEKS) associated with an ebook (*Introduction to Chemistry*, Bauer, Birk and Marks, 5<sup>th</sup> ed., McGraw-Hill). ALEKS also has its own “textbook,” the ALEKSPEDIA; the textbook for this course, however, is the Bauer text.

This course is participating in UF All Access. Beginning the first day of the semester students can opt in to consent to have the purchase price charged to your student account. Alternatively, you can purchase an access code for the materials at the UF Bookstore. The opt-in code is the comprehensive package (ALEKS homework and the ebook of Bauer, Birk & Marks).

To opt in, navigate to: <https://bsd.ufl.edu/allaccess>. Click the “Opt In” tab or view the “View Eligible UF All Access Classes” button. You will be prompted to log in using Gatorlink credentials. Follow the prompt to authorize charges to your student account. The access code will then be provided. Copy the access code to your clipboard. In the Canvas course, click on Modules, then select the link to *ALEKS - Science* to join the ALEKS course. Provide the access code when prompted to do so. If you have any questions about the authorization process or refunds contact [allaccess@bsd.ufl.edu](mailto:allaccess@bsd.ufl.edu).

A paperback version of the text is completely optional. The bookstore may stock paper versions of the text, or you can order one directly through ALEKS. A paper version is on reserve at the Marston Science Library for reference purposes.

See the ALEKS page in Canvas (Modules>ALEKS, under the *Settling In* section) for a walkthrough video for instructions on viewing the textbook and general navigation tips within ALEKS.

All other assigned material will be available through Canvas.

## WEBCAM/MICROPHONE/SPEAKERS/MIRROR

You are required to have a functioning webcam, microphone, and speakers for proctored exams. See the minimum technical requirements at [honorlock.com/support](https://honorlock.com/support). Ensure your computer system meets their minimum system requirements. You are also required to have a handheld mirror/reflective surface for proctoring.

## COURSE TECHNOLOGY

All UF students are expected to have reliable access to a computer, especially for an online course. Honorlock has specific hardware/software requirements: [honorlock.com/support](https://honorlock.com/support). Check the support page for ALEKS for technical support using their platform: <https://mhedu.force.com/aleks/s/>.

## COURSE COMMUNICATIONS

### GENERAL QUESTIONS

General course questions should be posted to the Q&A Discussion boards in Canvas. The instructor/TA response time is 24 h during the work week (expect to wait until Monday for questions posted on a Friday).

We encourage you to post questions related to ALEKS homework or end of chapter questions you're working on to the Q&As. The homework isn't meant to be a test, it's a learning tool. For the best response, take a screenshot of your question and/or the solution you propose. The more information you provide, the easier it is for your instructor/TA/another student to help.

### PRIVATE OR GRADE-RELATED QUESTIONS

Direct these to your instructor via the mail function in Canvas. Do not email outside of Canvas to your instructor's external email address - we are not permitted to discuss grade related questions outside of Canvas. You will be asked to resend the query through Canvas.

## COURSE POLICIES

### SYLLABUS QUIZZES/SURVEYS/ALEKS FAQ QUIZ

You can submit these assignments late, with a 20% penalty per day submitted late. Make sure to open and submit the quizzes for all attempts prior to the due date to avoid the late penalty. Note that even 1 s past the due date counts as an entire day late.

### CHAPTER QUIZZES

We're trying something new this semester! Sectional/chapter quizzes are delivered in two formats: as Canvas quizzes and within the ALEKS platform. These quizzes are not proctored, but are timed, and are subject to the Honor Code. When you're ready to begin, simply click the link. You will have two attempts at each quiz (2 attempts at each Canvas quiz, and two attempts at each ALEKS quiz).

Canvas quizzes can be completed late, with a late penalty of 20% per day submitted late. ALEKS quizzes can also be done up to 5 days late, with a late penalty of -25% if done late. The last possible date any quiz can be completed for credit is the last day of term, 11:59 pm Aug. 5<sup>th</sup>.

The higher of the Canvas quiz or the ALEKS quiz will be counted towards your overall course grade as a quiz grade (i.e. Ch. 1 has a quiz both in ALEKS and in Canvas; the higher of those two will count). This means a student may have Canvas quiz Ch. 2&3 counted, along with the ALEKS Quiz for Ch. 1, the ALEKS Quiz for Ch. 4, and the Canvas quiz for Ch. 5. The highest grades will be calculated on an individual student basis.

Of those 'higher score' quiz grades, of which there are 8 throughout the semester, the two lowest scores are dropped from your final course grade. Your instructor will regularly update the Canvas gradebook to reflect this calculation which will be ongoing (after the late period has expired for each set of quizzes) throughout the Summer B term.

## EXAMS

Three progress exams and one cumulative final exam are administered in Canvas. These exams are remotely proctored by Honorlock. Each exam is 2 h in duration and is necessarily cumulative in nature. Each progress exam is officially scheduled to occur for a duration of 2 h within a specified 24 h window. Exam dates are: Exam 1: July 8<sup>th</sup>; Exam 2: July 22<sup>nd</sup>; Exam 3: August 2<sup>nd</sup>; Final Cumulative Exam: August 4<sup>th</sup>.

Exam questions may include numeric entry, formula/algorithmic questions, multiple dropdown, matching, multiple answer, multiple choice, and multiple fill in the blank questions.

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## PROGRESS EXAM "AVERAGE/REPLACE" POLICY

This applies to all students. No progress exam score will be dropped for any reason. To alleviate the stress of potential issues that do not fall under officially sanctioned absences, we have incorporated an "average/replace" policy: the lowest of the three progress exams (note, this does not include the cumulative final exam) will be replaced by the average of the three progress exams. This policy helps to minimize the impact of a single poor performance (it will not disappear, but will be minimized). For example, if a student scores the following on their three progress exams: 0%, 65%, 80%, the 0% would be replaced with the average of 0, 65 and 80, which is 48%. That is a much better score than a 0.

## HONORLOCK

Honorlock will proctor your exams this semester. You do not need to create an Honorlock account, download software, or schedule an appointment for your exam. Honorlock is available 24/7 and requires a computer, webcam, microphone, and a stable internet connection.

To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at [www.honorlock.com/extension/install](http://www.honorlock.com/extension/install).

When you are ready to test, log into Canvas, go to your course, and select your exam. Click "Launch Proctoring" to begin the Honorlock authentication process, during which you will take a picture of yourself, show your ID, and complete a scan of your room. You will need a small handheld mirror/reflective surface to show the camera underneath your table/desk, etc. Honorlock will record your exam session and record your screen.

If you encounter technical difficulties with Honorlock, contact Honorlock directly. You may live chat, phone (855-828-4004) and/or email [support@honorlock.com](mailto:support@honorlock.com). You should spend some time reading about their service and testing your system on their website. For other technical issues contact the Help Desk.

Extensive Honorlock documentation, including a student privacy guide, is available at <https://dce.ufl.edu/services/online-proctoring/>.

## QUIZ/EXAM QUESTION DISPUTES

If you believe you have found an error on a quiz/exam or would like to dispute a question, the deadline for doing so is within 72 h of a quiz/exam or 24 h after the final exam. Email your instructor through Canvas email or make a submission comment on the quiz/exam.

## ASSIGNMENT POLICY

### ALEKS OBJECTIVES

Access the electronic homework and ebook directly from within Canvas by navigating to Modules > *ALEKS Science*. A significant portion of your grade stems from on-time completion of equally weighted *ALEKS Objectives*. Whatever percentage of the topics you complete on time within an objective will count for credit - i.e. if you complete 7 of 10 topics within a particular objective assignment you will earn 70% credit for that objective, or 7/10 points for that objective. The average completion time is approximately 3 topics/h, system-wide in the ALEKS system. Plan your time accordingly.

ALEKS is set up in a specific manner - you will need to complete some topics in order to proceed to the next topic, as topics and concepts in chemistry build on one another. There isn't a way to disable this setting. You are encouraged to work on assignments early and frequently for short periods of time, no more than 2 or 3 h at a sitting.

Due to the way *ALEKS Objectives* are set up, with students working on prescribed topics during set times, it can be problematic for the student to extend due dates. If you have a legitimate reason for an extension on an ALEKS assignment (see the University Attendance Policy: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>), reach out to your instructor (Mrs. Veige) via email through Canvas. Up to two missed objectives for documented and approved reasons (i.e. documented illness, etc.) will be handled by marking them with "EX" in the Canvas gradebook. This will weight your other graded objective scores more heavily in your final course grade. If more than two are missed, due date extensions will be made for the 3<sup>rd</sup> and subsequent missed assignments (this should be rare). Even though the individual assignment grades may be excused, you will still need to complete the topics contained in the assignments to earn full credit on your *ALEKS Pie*. You can do this whenever you are in Open Pie mode. Please refer to the detailed study schedule at the end of this document for scheduled Open Pie periods. Students are also in Open Pie whenever they complete an ALEKS objective prior to the due date.

The two lowest *ALEKS Objectives* grades are dropped from your overall course grade.

### ALEKS PIE

A significant portion of your grade stems from completion of your *ALEKS Pie* by the last day of classes (11:59 pm Aug. 5<sup>th</sup>). The work you do on *ALEKS Objectives* counts towards this goal. You can catch up or work ahead on your pie progress during *Open Pie* periods. There are regularly scheduled *Open Pie* times for

all students in the course. Whenever you complete an *ALEKS Objective* before its due date/time you also will enter *Open Pie* mode. Pie progress is calculated as (# topics completed/total # topics) \* 100%. The pie progress % you view in ALEKS is a good estimate of this, but the precise value according to the calculation above is used in your grade calculation in Canvas.

Additional information regarding ALEKS is provided in the *Settling In* section in Canvas. Contact ALEKS support for tech help with ALEKS or for grading disputes. Their support staff is very responsive.

You can work on your *ALEKS Pie* progress for credit until 11:59 pm the last day of term, Aug. 5<sup>th</sup>.

## ALEKS HOMEWORK SETS

There are four ALEKS Homework Sets (these are unique from the Objectives and do not count towards your Pie Progress) based on the most math-heavy portions of the course to give you additional required practice. Each set is due prior to the relevant exam. Questions within each set can be done as many times as needed until the question is marked correct. Homework sets can be turned in up to a week late for reduced credit (-25%). Homework Set #4 can only be turned in late up to the last day of term, Aug. 5<sup>th</sup>. The one lowest Homework Set grade is dropped from your overall course grade.

## ATTENDANCE, EXTENSION REQUESTS

Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/>

Exam absences will be handled in accordance with official UF academic regulations. For more information, see <https://catalog.ufl.edu/UGRD/academic-regulations/>. See below for further clarification for two different types of situations.

(1) Conflicts with other events: this should be rare, as CHM1025 proctored exams are scheduled in advance and are available for a 24 h period. You should plan accordingly. Such reasons may include religious holidays, military obligations, special curricular requirements (e.g., attending professional conferences), or participation in official UF-sanctioned activities such as athletic competitions, etc. For more information on such absences see the official UF Policy at <https://catalog.ufl.edu/UGRD/academic-regulations/attendance-policies/#absencestext> ). If you must be absent for an exam due to a documented and approved conflict known in advance, you must e-mail your instructor (within Canvas) the documentation at least one week prior to the scheduled exam and an **early conflict exam** (i.e. before the regular exam date) will be scheduled for you.

(2) Missing an exam due to an emergency or sudden illness: If you are absent for an exam due to an unpredicted documented medical reason or family emergency, you must contact the instructor as soon as possible, and you may be asked to have your excuse verified by the Dean of Students Office (DSO). Your instructor will follow UF academic regulations in evaluating the notification and/or documentation received from you or from the DSO on your behalf. Once your instructor is satisfied with the validity of your exam absence a make-up exam will be scheduled after a reasonable amount of time, i.e., before the end of the semester. If your documentation is deemed insufficient to excuse your absence you will receive a zero on the missed exam.

## GRADING

### GRADE POLICY

Should a student wish to dispute any grade received in this class, the dispute must be in writing and be submitted to the instructor within 72 h of receiving the grade, or within 24 h of the Final Exam.

There is no extra credit available for this course. Grades are not rounded at the end of term. Exam grades or course grades are not curved. Take care to complete each assignment prior to its advertised due date and to submit assignments as directed. Contact the UF Help Desk for help as needed with Canvas.

Assignments weights are as follows (see the syllabus text for details of dropped assignments):

| Assignment Group  | Weight % |
|---|----------|
| ALEKS Objectives  | 8%       |
| ALEKS Pie Progress  | 8%       |
| ALEKS Homework Sets (#1-4)  | 4%       |
| Quizzes (8 Canvas/ALEKS quizzes as described within the syllabus) | 12%      |
| Progress Exams (3 @ 14% each; consider average/replace policy)    | 42%      |
| Cumulative Final Exam   | 25%      |
| Syllabus Quizzes and Surveys                                      | 1%       |

Grade scale (note: there is no rounding to your score in Canvas):

| Letter | A    | A-   | B+   | B    | B-   | C+   | C    | D+   | D    | D-   | E      |
|--------|------|------|------|------|------|------|------|------|------|------|--------|
| Cutoff | 90.0 | 86.0 | 83.0 | 80.0 | 77.0 | 73.0 | 69.0 | 66.0 | 63.0 | 60.0 | < 60.0 |

## UNIVERSITY POLICIES

### UNIVERSITY POLICY ON ACCOMMODATING STUDENTS WITH DISABILITIES

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center by visiting [disability.ufl.edu/students/get-started](http://disability.ufl.edu/students/get-started). It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

Accommodations are not retroactive, therefore, students should contact the office as soon as possible in the term for which they are seeking accommodations.

### UNIVERSITY POLICY ON ACADEMIC MISCONDUCT



As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.” You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida. The following pledge is either required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this assignment.” It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: <http://www.dso.ufl.edu/SCCR/honorcodes/honorcode.php>.”

## U MATTER, WE CARE

Your well-being is important to the University of Florida. The U Matter, We Care initiative is committed to creating a culture of care on our campus by encouraging members of our community to look out for one another and to reach out for help if a member of our community is in need. If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) so that the U Matter, We Care team can reach out to the student in distress. A nighttime and weekend crisis counselor is available by phone at 352-392-1575. The U Matter, We Care team can help connect students to the many other helping resources available including, but not limited to, Victim Advocates, Housing Staff, and the Counseling and Wellness Center. Please remember that asking for help is a sign of strength. In case of emergency, call 9-1-1.

## FEEDBACK

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at <https://gatorevals.aa.ufl.edu/public-results/>.

## NETIQUETTE

All members of the class are expected to follow rules of common courtesy in all email messages, threaded discussions, and chats. A detailed guide is posted under the *Settling In* section in Canvas.

## GETTING HELP

For issues with or technical difficulties with Canvas, contact the UF Help Desk: <https://lss.at.ufl.edu/help.shtml>; (352)-392-HELP.

Other resources are available at <http://www.distance.ufl.edu/getting-help> for Counseling and Wellness resources, disability resources, resources for handling student concerns and complaints, and library desk support.

## DISCLAIMER

This syllabus represents my current plans and objectives. As we go through the semester, those plans may need to change to enhance the class learning opportunity. Such changes, communicated clearly, are not unusual and should be expected.

## STUDY SCHEDULE

\*The most up to date complete schedule is posted in Canvas. This document may have been updated since posting- check Canvas for details.

ALEKS Open Pie: all students are in Open Pie during these times and can work on missed topics or work ahead on ALEKS topics

### WEEK 1

#### MONDAY JUNE 27 (drop/add)

|       |  |
|-------|--|
| tasks | Log into Canvas & read through Settling in module                            |
|       | Opt in for ebook/ALEKS homework  |
|       | Log into ALEKS; redeem your access code under Modules at the top of the page |
|       | Take the Initial Knowledge Check in ALEKS                                    |
|       | Start reading: Ch. 1.1   |

#### TUESDAY JUNE 28 (drop/add)

|       |              |
|-------|--------------|
| tasks | Read Ch. 1.2 |
|-------|--------------|

#### WEDNESDAY JUNE 29

|       |                           |
|-------|---------------------------|
| tasks | Read Ch. 1.3-1.4          |
| due   | ALEKS Prerequisite Review |

#### THURSDAY JUNE 30

|       |                             |
|-------|-----------------------------|
| tasks | Read Math Toolboxes 1.1-1.3 |
|-------|-----------------------------|

#### FRIDAY JULY 1

|       |  |
|-------|--|
| tasks | Read Ch. 2.1-2.2                           |
| due   | ALEKS Ch. 1                                |
|       | Introductory Quizzes (Syllabus Quiz, etc.) |
|       | Quiz 1: Ch. 1                              |

#### SATURDAY/SUNDAY

ALEKS OPEN PIE - you can catch up on missed topics or work ahead on your overall Pie Progress

### WEEK 2

#### MONDAY JULY 4

|       |  |
|-------|--|
| tasks | Read Ch. 2.3-2.4                         |
|       | Continued ALEKS OPEN PIE for the holiday |

#### TUESDAY JULY 5

|       |              |
|-------|--------------|
| tasks | Read Ch. 2.5 |
| due   | ALEKS Ch. 2  |

#### WEDNESDAY JULY 6

|                          |       |  |
|--------------------------|-------|--|
|                          | tasks | Read Ch. 3.1-3.4 (ionic compounds); End of Exam 1 Material |
| <b>THURSDAY JULY 7</b>   |       |  |
|                          | tasks | Read Ch. 3.5-3.6   |
|                          | Due   | ALEKS Homework Set 1 (Ch. 1)                               |
| <b>FRIDAY JULY 8</b>     |       |  |
|                          | tasks | Read Ch. 3.7   |
|                          | due   | ALEKS Ch. 3  |
|                          |       | Exam 1 (Ch. 1 - Ch. 3.4 inclusive)                         |
| <b>SATURDAY/SUNDAY</b>   |       |  |
|                          |       | ALEKS OPEN PIE   |
| <b>WEEK 3</b>            |       |  |
| <b>MONDAY JULY 11</b>    |       |  |
|                          | tasks | Read Ch. 4.1-4.2   |
|                          | due   | Quiz 2 Ch. 2 & 3   |
| <b>TUESDAY JULY 12</b>   |       |  |
|                          | tasks | Read Ch. 4.3-4.4   |
| <b>WEDNESDAY JULY 13</b> |       |  |
|                          | tasks | Read Ch. 5.1-5.2   |
|                          | due   | ALEKS Ch. 4  |
|                          |       | Post Exam 1 Survey   |
| <b>THURSDAY JULY 14</b>  |       |  |
|                          | tasks | Read Ch. 5.3-5.4   |
|                          | due   | Quiz 3: Ch. 4  |
| <b>FRIDAY JULY 15</b>    |       |  |
|                          | tasks | Read Ch. 5.5   |
|                          | due   | ALEKS Ch. 5  |
| <b>SATURDAY/SUNDAY</b>   |       |  |
|                          |       | ALEKS OPEN PIE   |
| <b>WEEK 4</b>            |       |  |
| <b>MONDAY JULY 18</b>    |       |  |
|                          | tasks | Read Ch. 6.1-6.2   |
|                          | due   | Quiz 4: Ch. 5  |
| <b>TUESDAY JULY 19</b>   |       |  |
|                          | tasks | Read Ch. 6.4-6.5   |
| <b>WEDNESDAY JULY 20</b> |       |  |
|                          | tasks | Read Ch. 6.6-6.7   |
|                          | due   | ALEKS Ch. 6  |
| <b>THURSDAY JULY 21</b>  |       |  |
|                          | tasks | Read Ch. 7.3-7.4   |
|                          | due   | Quiz 5: Ch. 6  |
|                          |       | ALEKS Homework Set 2 (Ch. 4)                               |
|                          |       | ALEKS Homework Set 3 (Ch. 6)                               |
| <b>FRIDAY JULY 22</b>    |       |  |
|                          | tasks | Read Ch. 7.5-7.6   |
|                          | due   | Exam 2 (Ch. 3.5-Ch. 6 inclusive)                           |
| <b>SATURDAY/SUNDAY</b>   |       |  |
|                          |       | ALEKS OPEN PIE   |
| <b>WEEK 5</b>            |       |  |
| <b>MONDAY JULY 25</b>    |       |  |

|                           |       |  |
|---------------------------|-------|--|
|                           | tasks | Read Ch. 7.7                           |
|                           | due   | ALEKS Ch. 7                            |
| <b>TUESDAY JULY 26</b>    |       |  |
|                           | tasks | Read Ch. 8.1-8.2                       |
|                           | due   | Quiz 6: Ch. 7                          |
| <b>WEDNESDAY JULY 27</b>  |       |  |
|                           | tasks | Read Ch. 8.3-8.4                       |
|                           | due   | Post Exam 2 Survey                     |
| <b>THURSDAY JULY 28</b>   |       |  |
|                           | tasks | Read Ch. 8.3-8.5                       |
|                           | due   | ALEKS Ch. 8                            |
| <b>FRIDAY JULY 29</b>     |       |  |
|                           | tasks | Read Ch. 11.1-11.3                     |
|                           | due   | Quiz 7: Ch. 8                          |
| <b>SATURDAY/SUNDAY</b>    |       |  |
|                           |       | ALEKS OPEN PIE                         |
| <b>WEEK 6</b>             |       |  |
| <b>MONDAY AUGUST 1</b>    |       |  |
|                           | tasks | Read Ch. 11.4-11.5                     |
|                           | due   | ALEKS Ch. 11                           |
|                           |       | ALEKS Homework Set 4 (Ch. 11)          |
| <b>TUESDAY AUGUST 2</b>   |       |  |
|                           | tasks | Read Ch. 13.1-13.2                     |
|                           | due   | Exam 3 (Ch. 7-11 inclusive)            |
| <b>WEDNESDAY AUGUST 3</b> |       |  |
|                           | tasks | Read Ch. 14.1-14.2                     |
|                           | due   | ALEKS Ch. 13                           |
|                           |       | Quiz 8: Ch. 11, 13, 14                 |
| <b>THURSDAY AUGUST 4</b>  |       |  |
|                           | due   | ALEKS Ch. 14                           |
|                           |       | Final Cumulative Exam                  |
| <b>FRIDAY AUGUST 5</b>    |       |  |
|                           | due   | Last day to work on ALEKS Pie Progress |
|                           |       | Post Exam 3 Survey                     |