



The
Princeton
Review®

SAMPLE

MCAT 515+[®] STUDENT GUIDE

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CONTENTS

Welcome to The Princeton Review.....	5
Preparing for the MCAT is a lot of work	5
You will be learning strategy AND content	5
Keys to getting off to a good start	6
Set up your Study Plan.....	6
Complete your first set of Diagnostic Quizzes.....	6
Complete your first full length test (AAMC MCAT Official Prep Practice Exam 1).....	6
Complete your first set of pre-class readings and assignments	6
Start attending Topic Focus sessions.....	6
We Love to Hear From You	7
Contacting Your Instructors.....	7
Contacting The Princeton Review Pre-Health Team	7
Course Evaluations	7
Post-Course MCAT Score Survey	7
Student Responsibilities	8
515+ Guarantee.....	9
Course Materials.....	11
Online Dashboard	11
Tests.....	11
Coursework	12
Physical Textbooks	13
Review Textbooks	13
In Class Compendium ("ICC")	14
Course Components.....	15
Home Page and Prep Information.....	15
Setting Up a Study Plan	16
Diagnostic Quizzes	17
Practice Tests	19
Score Reports	21
Pre-Class Readings and Assignments.....	22
Classes	24
Class Overview.....	25
MedFlix (Video Lessons)	26

MedFlix CARS Passages and Exercises.....	27
MCAT Topic Focus	28
Biology Topic Focus Lessons.....	29
General Chemistry Topic Focus Lessons.....	29
Organic Chemistry Topic Focus Lessons.....	29
Physics Topic Focus Lessons	30
Psychology and Sociology Topic Focus Lessons	30
CARS Topic Focus Lessons	30
After Class Practice	31
Sciences Overview.....	31
Sample Diagnostic Quiz Question.....	32
Biology/Biochemistry	33
Class 1 - Biochemistry I.....	33
Class 2 - Biochemistry II.....	33
Class 3 - Molecular Biology	33
Class 4 – Microbiology	34
Class 5 - Cell Biology	34
Class 6 – Genetics	35
Class 7 - Nervous System	35
Class 8 - Endocrine, Cardiovascular, Immunology.....	36
Class 9 - Renal and Digestive Systems	37
Class 10 - Muscular, Skeletal, and Respiratory Systems; Skin.....	37
Class 11 - Reproduction and Development.....	38
General Chemistry	39
Class 1 - Atomic Structure and Periodic Trends.....	39
Class 2 - Bonding and Intermolecular Forces; Thermodynamics.....	39
Class 3 - Phases and Gases	40
Class 4 - Kinetics and Equilibrium	41
Class 5 - Acids and Bases.....	41
Class 6 - Electrochemistry and Nuclear Chemistry	42
Organic Chemistry	44
Class 1 - Fundamentals, Structure, and Stability	44
Class 2 - Lab Techniques: Separations and Spectroscopy.....	44
Class 3 - Carbonyl Chemistry.....	45
Class 4 - Biologically Important Molecules	46

Physics.....	47
Class 1 - Kinematics and Dynamics	47
Class 2 - Circular Motion, Torque; Work and Energy	47
Class 3 - Physical Thermodynamics and Fluids	48
Class 4 - Electrostatics, Capacitors, Batteries, Resistors.....	48
Class 5 - DC Circuits, Oscillators and Waves, Sound	49
Class 6 - Light, Mirrors and Lenses, Quantum Physics.....	50
Psychology and Sociology	50
Class 1 - Sociological Theories, Social Structures, Research Methods	50
Class 2 - Social Institutions, Culture, Demographics, Inequality	51
Class 3 - Self-Identity and Social Interactions	51
Class 4 - Personality, Motivation, Emotion, and Stress	52
Class 5 - Psychological Disorders and Consciousness.....	53
Class 6 - Neuroscience, Memory, and Learning	53
Class 7 - Sensation, Perception, Cognition, and Language	54
Critical Analysis and Reasoning Skills Overview	55
About the AAMC CARS Diagnostic Tool	55
Critical Analysis and Reasoning Skills (CARS).....	57
Class 1 - Introduction to CARS.....	57
Class 2 - Active Reading	57
Class 3 - Question Types and Strategies Part I	58
Class 4 - Question Types and Strategies Part II	59
Class 5 - POE and Attractors	59
Class 6 - Section-Wide Strategy: Ranking/Ordering and Pacing	60
Class 7 - Solidifying Your Strategy	60

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WELCOME TO THE PRINCETON REVIEW

Welcome to TPR's MCAT® preparation program! You've made a great decision to prep with us and we look forward to working with you. Our program is the best in the business: our 515+ course offers 123 hours of live instruction, 17 full-length practice tests (including all available AAMC exams), 7 comprehensive textbooks, and thousands of questions in drills and practice passages, both online and printed. Our instructors are highly qualified experts in their field and must be certified in a rigorous training before entering the classroom. You are in great hands!

Preparing for the MCAT is a lot of work

Students who achieve their goals on the MCAT typically spend at least 300-400 hours studying. One of the reasons our program is so helpful is that it organizes that big block of time into a familiar structure with assignments, classes, and tests. It is going to be a lot of work, but you can do it!

MAXIMIZE YOUR PREP: Make a study plan now

If you're concerned about balancing your prep and your other commitments, let's talk. We're here to help you succeed, including looking at other programs and schedules, if necessary.

You will be learning strategy AND content

The MCAT covers a large amount of content but is not primarily a test of content. Almost every class will include practice in problem solving skills and applying your content knowledge. Assignments are designed to give you practice in learning and applying strategies to maximize the points you get out of your content knowledge.

MAXIMIZE YOUR PREP: Study and practice smart

You're here to train to maximize your MCAT score. The amount of content is challenging, but it can be even more challenging to learn new strategies, to apply them to assigned practice, and to analyze your performance to make sure that you are improving.

Keys to getting off to a good start

MAXIMIZE YOUR PREP: Four things you need to do BEFORE you attend class

Here are five things you can do NOW, and that you need to do BEFORE you attend class. If possible, you should work ahead on your pre-class readings and Topic Focus sessions.

Set up your Study Plan

Read about how to set up your study schedule [here](#).

Complete your first set of Diagnostic Quizzes

[Read more about our unique Diagnostic Quizzes](#), including how they prep you for the MCAT and how they are different from Practice Tests and Exams.

Complete your first full length test (AAMC MCAT Official Prep Practice Exam 1)

[Read more about Practice Tests](#) including where to find them and what to do when.

Complete your first set of pre-class readings and assignments

[Read more about how to be prepared for every class](#).

Start attending Topic Focus sessions

[Learn about Topic Focus sessions](#), including 515+ Guarantee requirements as well as the best order in which to attend the sessions.

WE LOVE TO HEAR FROM YOU

Contacting Your Instructors

Questions about course content should be directed towards your instructors. In addition to time in class and office hours sessions, you can email them through your Online Dashboard.

Contacting The Princeton Review Pre-Health Team

Your satisfaction is incredibly important to us, so don't hesitate to let us know what we can do to improve your MCAT prep experience. If at any time during the course you have concerns about any aspect of the program, please contact us:

Student Services:

PreHealthStudents@review.com

+1 800-273-8439, Option #2

Payment Inquiries: +1 800-444-0189

Course Evaluations

You will receive notifications in your Online Dashboard to complete surveys about one fifth of the way through your scheduled classes and again toward the end of your course. We hope you will take these opportunities to provide us with quantitative input on the program.

Post-Course MCAT Score Survey

Based on the target test date associated with your course schedule, you will receive a post-course MCAT score survey (subject: "How Did You Do?") around the time you should be receiving your actual scores. Our goal is for you to feel at that point that you achieved your goal and that your investment in our program contributed to your success.

STUDENT RESPONSIBILITIES

Before your first scheduled class, you will:

Take [Diagnostic Quiz](#) 1A for each of the subjects (Biology, General Chemistry, Organic Chemistry, Physics, Psychology and Sociology, and CARS).

Take the CARS Reading Comprehension Diagnostic Quiz.

Review your score reports to determine your subject and subtopic strengths and weaknesses.

Complete pre-readings and associated practice, including primer questions for at least the first class of all topics.

Take AAMC MCAT Official Prep [Practice Exam](#) 1 and review your score report.

Every week during the course, you will:

Complete required after class practice both offline and in your textbooks, complete additional required practice based on your subtopic strengths and weaknesses, and review your performance on all practice.

Come prepared to every class by completing your Diagnostic Quizzes, [pre-readings](#), and associated practice, including primer questions.

Attend all classes, bringing your [In Class Compendium](#) and all materials (highlighters, scratch paper) necessary to participate in practice during class.

Every 2 weeks from the start of your course to your actual test day, you will:

Complete a full-length MCAT practice test observing all timings and breaks

Review your [score report](#) to analyze where to focus your preparation

MAXIMIZE YOUR PREP: Put your study plan into your calendar or agenda

Every student is different in terms of the actual test date, course schedule selected, amount of time between enrolling and the start of classes, and commitments outside of the course. If you fulfill the responsibilities above, you will succeed. While we can't give you a "one size fits all" plan, you should contact us if you need some help understanding how to schedule in everything you must do.

515+ GUARANTEE

The 515+ Guarantee comes with additional responsibilities.

Complete a total of six full-length [practice tests](#).

Attend all required [Topic Focus](#) sessions (attend live or watch recordings).

This is in addition to all of the responsibilities listed on the previous page.

Complete all required [pre-class readings and assignments](#) including [Diagnostic Quizzes](#)

Attend all scheduled class sessions (you may watch recordings for up to five scheduled class sessions in lieu of attending the live class).

Complete all required [after class practice](#)

You are invited to read more details below.

Measuring score improvement

We compare the score you received on the official test after you completed your program with us for the same test to your baseline starting score on the same test, which can be either:

- Your most recent official MCAT test score that you received before the start of your MCAT test prep program with us; *or*
- The score you receive on AAMC MCAT Official Prep Practice Exam 1. This test must be taken before the first scheduled class and must be taken in one sitting while observing official time limits for all sections and breaks. If you provide us with documentation showing that the organization administering the test has granted you extended testing time as an accommodation, then you may have such extended testing time for your practice tests. For clarity, scores from the same practice test taken a second time will not be accepted.

We'll then compare your starting score to the score you received on the official test after you completed your program.

If your score does not improve

If your official MCAT score after you completed your program did not increase in accordance with the table below and other requirements of the guarantee are met, we will refund your tuition, less the fee for course materials (as reflected in your invoice) that we shipped to you and shipping charges.

STARTING SCORE	GUARANTEED SCORE/SCORE INCREASE
Under 500	At least a 15 point increase
500 or higher	Score of at least 515

Work you must do

Before your official test date, you must:

- Attend all scheduled class sessions. For up to 5 class sessions, this requirement can be met by viewing the session recordings.
- Complete all diagnostic quizzes according to the schedule and the syllabus for each subject in the MCAT Student Guide.
- Complete 6 full-length practice tests according to the schedule in the Online Dashboard. Only practice tests taken in one sitting while observing official time limits for all sections and breaks will be counted as fulfilling this requirement. If you provide us with documentation showing that the organization administering the test has granted you extended testing time as an accommodation, then you may have such extended testing time for your practice tests.
- Complete all assigned homework according to the schedule and the syllabi in the MCAT Student Guide.
- Attend all recommended Topic Focus sessions as specified in the MCAT Student Guide. This requirement can be met by attending live sessions or by viewing the session recordings.

Time frame for taking the official test

You must take the official MCAT test on or before the recommended test date for your course that we posted on our website at the time of your enrollment. If you registered for an official test on the recommended test date but it was canceled, you must take the next official test that is available (unless the next official test available to you is more than 90 days after the end of your course, in which case you will need to [contact us](#) for assistance).

Time frame for submitting a guarantee request form

You must submit an electronic copy of your official score report along with your guarantee request form within 60 days after your official test date. The guarantee request form is available [here](#).

Other details

You can only use the better scores guarantee on the first program you take with us for a specific test, even if a later program is a different type of program for the same test, the later program is a paid purchase, or you did not invoke any guarantee for the first program.

COURSE MATERIALS

Online Dashboard

MAXIMIZE YOUR PREP: Become an Online Dashboard expert immediately

The Online Dashboard is the hub where you will find all the tests and coursework you need to succeed on the MCAT. Go there now and make sure you can find, and understand, all the materials described below!

Tests

AAMC Practice Exams and Practice Questions

Your program provides you with the **AAMC MCAT Official Prep Online-Only Bundle**, which you will access from your Online Dashboard. This offers 16 online prep products from AAMC, including 5 full-length practice exams with scaled scores. (You can also access the AAMC MCAT Official Prep Free Sample Test but note that it does not offer a scaled score.)

The Princeton Review's MCAT Course Tests

5 full-length MCAT simulations with scaled scores and analytic score reports.

The Princeton Review's MCAT Section Exams

The Section Exams simulate one section of the MCAT, so you can evaluate your ability to execute on that one section without dismantling a full-length test! Each exam generates a score for that section and an analytical score report. There are 6 CARS Section Exams and 2 of each of the science Section Exams (Chem/Phys, Bio/Biochem, and Psych/Soc).

The Princeton Review's MCAT Demo Test

The Demo Test is a full-length MCAT simulation that is available for free on The Princeton Review's website. Since many students may not have taken this test previously, it is included for additional practice.

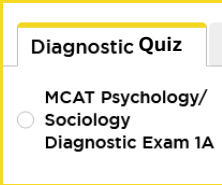
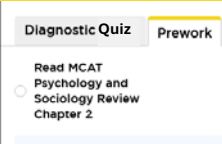
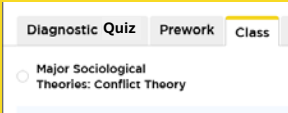
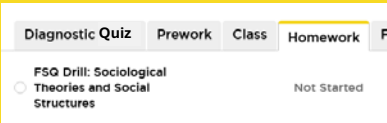
The Princeton Review's MCAT Review Tests

2 full-length MCAT simulations with scaled scores and analytic score reports. These tests are available to purchasers of the MCAT Review series textbooks independent of a prep program. They are included so that you have access without having to register your textbooks separately.

The Princeton Review's MCAT TPR Tests

3 full-length MCAT simulations with scaled scores and analytic score reports. These tests are available to purchasers of our book **TPR MCAT**, which is designed for self-study. They are included as extra practice.

Coursework

	<p>Diagnostic Quizzes: a type of online quiz unique to The Princeton Review's program that help you assess your confidence in specific areas.</p> <p>Found on the Diagnostic Quiz tabs of each class.</p>
	<p>Reading Assignments: See your reading assignments in your Online Dashboard, integrated with all your other activities, and mark off the completion of your textbook reading with these online checklist items to help make sure you're on track throughout your prep.</p> <p>Found in the Prework section of every class.</p>
	<p>MedFlix (Video Lessons): 5-15 minute videos lessons that cover all of the topics in each lesson.</p> <p>Found in the Class session of every class.</p>
	<p>Online Drills: You will practice applying specific content knowledge and strategies on passages and free-standing questions (FSQs) throughout the course in a realistic MCAT test environment. Online Drills also include “primer questions” that help you be prepared to benefit from subsequent classes.</p> <p>Found in the Prework and Homework sections of every class.</p>

Physical Textbooks

MAXIMIZE YOUR PREP: Make sure you have all your books

If you're missing anything for any reason, you will find electronic copies of the books, along with PDFs of any sections you need for the first few lessons, in your Online Dashboard.

Review Textbooks

You have 7 *Review* textbooks containing class pre-readings, chapter summary pages, along with some practice passages and questions.

Biology: *Biology Review* and *Biochemistry Review*

General Chemistry: *General Chemistry Review*

Organic Chemistry: *Organic Chemistry Review*

Physics: *Physics and Math Review*

Psychology and Sociology: *Psychology and Sociology Review*

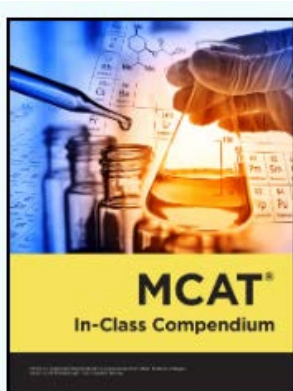
Critical Analysis and Reasoning Skills: *Critical Analysis and Reasoning Skills Review*



In Class Compendium (“ICC”)

MAXIMIZE YOUR PREP: Have the ICC with you at EVERY class

To practice applying the content you learn along with strategies, you will be doing MCAT style passages in every class. Those passages are found in the ICC.



Save the passages in the ICC for use in class!

Be prepared to mimic actual test conditions with this book during class:

DO highlight portions in the book and strikeout answer choices;

DON'T make other notes in the book—use scratch paper to mimic the limitation of having to use a note board on the actual test.

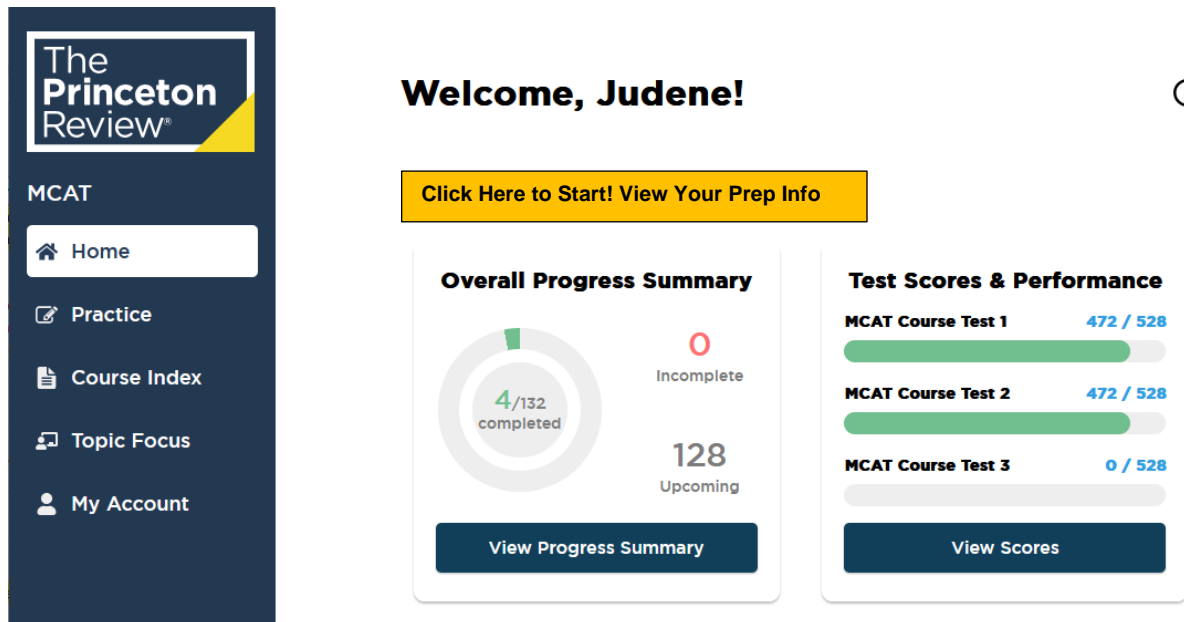
An electronic copy is available in the Online Student Dashboard.

An answer key is located at the end of each section, but full solutions are not provided outside of working on these passages in class.

COURSE COMPONENTS

Home Page and Prep Information

Click on the yellow “Click here to start! View Your Prep Info” button to see important resources for your course, such as the MCAT Student Guide, e-books for all of your textbooks, some other course materials, some Getting Started videos, and other helpful advice.



The screenshot shows the home page of The Princeton Review MCAT program. On the left is a dark blue sidebar with the logo and navigation links: Home, Practice, Course Index, Topic Focus, and My Account. The main content area has a white background. At the top, it says "Welcome, Judene!" with a clock icon. Below this is a yellow button that says "Click Here to Start! View Your Prep Info". The page is divided into two main sections: "Overall Progress Summary" and "Test Scores & Performance".

Overall Progress Summary

- Progress: 4/132 completed (represented by a circular progress bar)
- Status: Incomplete (represented by a red circle)
- Upcoming: 128 (represented by a large number)
- Button: View Progress Summary

Test Scores & Performance

- MCAT Course Test 1: 472 / 528 (represented by a green progress bar)
- MCAT Course Test 2: 472 / 528 (represented by a green progress bar)
- MCAT Course Test 3: 0 / 528 (represented by a grey progress bar)
- Button: View Scores

Prep Information	
Study Planner and Student Guide for the MCAT Program	View
Getting Started in Your Program	View
Course Support & Med School Advice	View
Taking Practice Exams & MCAT Advice	View

Setting Up a Study Plan

Make sure to enter your MCAT classes and study time into your personal calendar.

Having a defined schedule will help you focus your prep because you'll know exactly what needs to be done every day.

1. Start by putting your classes, practice tests, and your actual MCAT date into your calendar. Your classes and Course Tests 1-5 have already been scheduled for you.
2. You should schedule about 1-2 hours of prework for each class (taking Diagnostic Quiz A, skimming the chapters in your Review textbooks, doing a few drills, answering the primer questions), and about 3-4 hours of homework for each class (FSQ drills, passage drills, topic review, etc.). Remember that:
 - the specific homework you are required to do is determined by the results of Diagnostic Quiz A.
 - it's wise to save a few passages from your homework to use as review in the days between the end of your course and your actual MCAT. You do not have to complete ALL of the homework before your next class.
3. Schedule a review of your practice test for the day after you take the exam.
4. Schedule your Topic Focus sessions, including all required sessions as well as any others that would benefit you. Some sessions can be taken before the course starts, some are better taken after certain lectures. See [Topic Focus](#) for more information.
5. After your course is over, continue to schedule subject-specific review (based on Diagnostic Quiz and Practice Test results), including some of the homework you saved.
6. Continue also to complete, and review practice tests, about one every 1-2 weeks, depending on how much time you have before your actual MCAT. Note also that it is best to schedule AAMC MCAT Official Prep Practice Exams 2, 3, 4, and the Free Practice Exam for the last weeks leading up to your test date.

All work and no play makes for a poor experience.

Remember also to schedule some days off! A day off from studying – or even half of a day off – can refresh you mentally and physically, and keeps you motivated to continue moving through the material.

MAXIMIZE YOUR PREP: Put your study plan into your calendar or agenda.

Every student is different in terms of the actual test date, course schedule selected, amount of time between enrolling and the start of classes, and commitments outside of the course. If you fulfill the responsibilities above, you will succeed. While we can't give you a "one size fits all" plan, you should contact us if you need some help understanding how to schedule in everything you must do.

Diagnostic Quizzes

MAXIMIZE YOUR PREP: Keep up with your diagnostic quizzes.

Diagnostic Quizzes A and B serve as pre-tests and post-test for a given class. Your score on Diagnostic Quiz A determines your required homework.

Diagnostic Quizzes are found in your Online Dashboard.

They are found in every class except CARS Class 7.

Diagnostic Quizzes are NOT the same as *Practice Tests* or *Practice Exams*

Diagnostic Quizzes are sets of questions that cover topics from a specific class, and that cover all possible MCAT content. They help pinpoint areas of strength and weakness for more efficient prep.

Practice Tests (or Practice Exams) are full-length simulations of the MCAT. They help prepare for the challenge of the MCAT and assess score improvement, but do not necessarily cover all possible MCAT content (thus they are not great tools for assessing content area weaknesses).

Diagnostic Quizzes come in pairs.

These quizzes are assigned in every class and come in pairs.

For example, **Biology Diagnostic Quiz 1A** is found on the Diagnostic Quiz A tab of **Biology Class 1 – Biochemistry I**, either on the Home Page or in the Biology section of the Course Index. This quiz helps you diagnose your current confidence with the content of the first Biology class before you do readings, come to class or do practice. Think of it as a “pre-test”.

You will find **Biology Diagnostic Quiz 1B** on the Diagnostic Quiz B tab of **Biology Class 1 – Biochemistry I**, again, either on the Home Page or in the Course Index. This second quiz will function as a “post-test”, helping you to diagnose how much progress you’ve made.

The cycle will begin again with **Biology Diagnostic Quiz 2A**, in **Biology Class 2 – Biochemistry II**.

Note that there are a few classes that have two Diagnostic Quiz As and two Diagnostic Quiz Bs. This is to help separate the topics in those classes a little more effectively, so that you can see your strengths and weaknesses more clearly. You should do both Diagnostic Quiz As as pre-tests and both Diagnostic Quiz Bs as post-tests.

Use Diagnostic Quiz score reports to identify strengths and weaknesses

After you have taken a Diagnostic Quiz A, open the score report. If you are correct on more than half of the questions on that diagnostic, that topic is a strength for you. When you study, you are required to do additional practice to build on this area of strength; Diagnostic Quiz B is optional for you.

If you are getting more than half of the questions wrong on that diagnostic, that topic is a weakness for you. When you study, you are required to do additional practice to help improve in this area. Diagnostic Quiz B is required for you.

You can click on “Show by Category” in the upper right corner to drill down into the subtopics tested on that quiz.

CARS Reading Comprehension Diagnostic

The first CARS Diagnostic Quiz you will take is the single MCAT **CARS Reading Comprehension Diagnostic**. The passages on this diagnostic are not meant to be exactly like your average MCAT passage; the passage texts and the questions are on the easier side and not all of the MCAT CARS question types are represented. Your score on this quiz, given as a percentage, will give you an idea of how strong your basic reading comprehension skills are (for example, identifying the main themes of the passage, reading carefully, using the passage text actively as you answer the questions, etc.). This is the only Diagnostic Quiz that is timed, since hitting the right pace for reading the passage and attacking the questions is one of those basic skills, and this quiz is not paired. The rest of the CARS Diagnostic Quizzes have paired A and B versions; these versions of each diagnostic are very similar to each other and test your competence in the same strategies. The questions in these Diagnostics Quizzes are presented differently than the questions you will see on the MCAT; they are meant to test various skills relevant to doing well in CARS. Note that there is no Diagnostic Quiz for CARS Class 7.

After each CARS Diagnostic Quiz complete the associated MCAT CARS Self-Evaluation Survey.

The MCAT CARS Self-Evaluation Surveys are designed to give you information and strategy suggestions based on the results of your Diagnostic Quizzes. When reviewing the CARS Diagnostic Quizzes, make sure to take note of any patterns, as in, common reasons why you miss or spend too much time on questions. Then work on refining your strategy in order to avoid that type of mistake in the future.

Practice Tests

MAXIMIZE YOUR PREP: Do AAMC MCAT Official Prep Practice Exam 1 BEFORE your first class

Taking a full-length practice test at the beginning of your prep is the best way for you to understand the challenge, the format and the content of the MCAT. You won't be "ready" the way you will be by the end of your prep, but this is an essential first step. *(Also, you must do this to establish a baseline score to be eligible for The Princeton Review's 515+ guarantees, if you do not have a prior official MCAT score.)*

All practice tests are found on the [Practice page of your Online Dashboard](#)

The program contains many practice tests from a number of sources including all available AAMC MCAT Official Prep practice materials. You will see tests from more than one series of naming and numbering, including multiple tests that are "Test 1". Note that the required tests for your program are also built into the schedule on the [Home page](#).

The screenshot displays the Princeton Review MCAT Online Dashboard. On the left is a dark blue sidebar with the Princeton Review logo and navigation links: Home, Practice (highlighted), Course Index, Topic Focus, and My Account. The main content area is titled "Practice Tests & Score Reports" and includes a sub-header: "Take more practice tests and check your score to see what areas need improvement. Taking practice tests and viewing your score report have a major impact on your score improvement." Below this is a table with four columns: Required Tests, Full Length Supplemental Tests, Single Section Tests, and AAMC Tests. The table lists five course tests. Course Tests 1, 2, and 4 are marked as completed with a green checkmark, showing completion dates and scores of 472. Course Tests 3 and 5 are marked as not started with a grey circle. Each row has buttons for "View Score Report" and "Restart Test" for completed tests, and a "Start Test" button for tests not yet started. A calendar at the top shows the months from December to May.

Required Tests	Full Length Supplemental Tests	Single Section Tests	AAMC Tests
✓ Course Test 1	Completed on 12/07/2023 - Score: 472	View Score Report	Restart Test
✓ Course Test 2	Completed on 05/20/2024 - Score: 472	View Score Report	Restart Test
○ Course Test 3	Not Started	Start Test	
✓ Course Test 4	Completed on 04/24/2024 - Score: 472	View Score Report	Restart Test
○ Course Test 5	Not Started	Start Test	

There is a strong correlation between completing full-length practice tests and score improvements

All students are required to complete at least six Practice Tests during their preparation.

In general, you should take a full-length practice test every two to three weeks. However, frequency will depend on the amount of time you have available from when you start prepping until your actual test date.

MAXIMIZE YOUR PREP: Don't "save" your practice tests

You should do the required full-length tests at regular intervals throughout your studying. You have enough tests available that there will be more for any final weeks of preparation when you may want to do extra tests.

Include time in your study plan to make your Practice Tests full-length simulations of MCAT test day

Completing a practice test means simulating an MCAT test day so that you are getting comfortable with the experience of sitting and thinking at the computer for approximately 7.5 hours, including the breaks.

It will take planning to arrange a place and time where you can follow through on this important element of your preparation. It will pay off on test day when you are well trained for a full-day computer test and know what you need to do to maintain your focus and do your best.

If you want to see how you might score in one particular section only, do not break up a full-length practice test to do this. Use the Section Exams on your Tests tab instead.

MAXIMIZE YOUR PREP: Don't break up your Practice Tests into pieces

You have lots of practice material available. Use your practice tests ONLY when you have time set aside to do a full 7.5-hour test in one sitting observing the computer-controlled timing and breaks. Do NOT pause your test! And do NOT use a practice test to practice (or to see your score) in one specific section. Use the Section Exams for that.

Score Reports

MAXIMIZE YOUR PREP: Spend the same amount of time analyzing your work as you spend completing practice tests and drills

To succeed on the MCAT, you need to work on your weaknesses, not just do more work.

Review Diagnostic Quiz score reports to look at subtopic strengths and weaknesses

Diagnostic scores are simply percent correct and *do not* correlate with MCAT scores.

Subtopics within sciences correlate to content topics. Know your subtopic weaknesses and strengths, and complete additional required homework accordingly.

Practice Test score reports show both scaled scores and performance by subtopics.

AAMC MCAT Official Prep Practice Exam score reports must currently be accessed through the AAMC online portal.

More tools for analyzing your performance

The Question Review Worksheet is a printable/downloadable form found on the Home page, in the resources found by first clicking on the “Click Here” button, then clicking on “Course Support & Med School Advice”, and finally on “Practice Logs and Other Optional Printable Documents”. Filling out a copy of this form for each science section of your practice tests is a good way to ensure that you are actively reviewing. Highlighting the questions you got wrong can help you see patterns and/or areas of weakness. There is also a document in that same section of the dashboard that you can (and should!) download with more detailed instructions on how to use the Question Review Worksheet.

For a more visual review of your practice test, try the Passage and Question Grids (found in the same place as the Question Review Worksheet, described above). These provide similar information as the Question Review Worksheet, but presented in a graphic, visual form. There is also a document with more detailed instructions on how to use the Passage and Question Grids.

For CARS, use the CARS Self-Evaluation Survey and the Test Assessment Log (CARS Review Chapter 2.5). Copies of the logs can also be downloaded from your online content.

Pre-Class Readings and Assignments

MAXIMIZE YOUR PREP: Do your Pework (pre-readings and assignments) for the first class in each subject immediately

You will have pre-readings and associated assignments for EVERY class. That includes the first class. We maximize the value of every class, so you will cover essential content in the first class. Whether you enroll far in advance or close to the start of your prep, your three essentials are: taking your first set of Diagnostic Quizzes; taking your first full-length MCAT practice test (AAMC MCAT Official Prep Practice Exam 1); and doing your first set of pre-reading assignments.


Use the [Class list on the Home page of your Online Dashboard](#) to determine your Pework.

Your program is more like a term or semester than a single class. You will attend classes in six different subject areas.

To keep on top of your diagnostic quizzes and prework, go to the [Home](#) page of your Online Dashboard to view your upcoming lessons. Expand a lesson, then go to the [Diagnostic Quiz](#) and [Pework](#) tabs. For example, if you have MCAT Biology Class 4 coming up, open [MCAT Bio Class 4](#). Complete the [Diagnostic Quiz](#) on the Diagnostic quiz tab, then click on the [Pework](#) tab. You will see that you need to read Chapter 5 in the MCAT Biology Review, complete the associated questions and passages for that chapter, read Appendix I in the MCAT Biology Review, and complete an online drill of “primer” questions. (You should track your progress for all textbook based assignments using “Update Status” buttons provided.)

MCAT Bio Class 4

Thursday, October 09
07:00 AM - 10:00 AM PDT

 Add To External Calendar

Launch Class

Diagnostic Quiz

Pework

Class

Homework

Feedback

<input type="radio"/> Read MCAT Biology Review Chapter 5 Not Started	Update Status
<input type="radio"/> MCAT Biology Review Chapter 5 FSQs Not Started	Start Drill
<input type="radio"/> MCAT Biology Review Chapter 5 Passage Not Started	Start Drill
<input type="radio"/> Read MCAT Biology Review Appendix I Not Started	Update Status
<input type="radio"/> Biology Class 4 Primer Questions Not Started	Start Drill

Keeping on top of your pre-reading is as much about studying smart as it is about studying hard.

The textbooks are written to be slightly above MCAT level; your teachers will present the material at MCAT level in class. **Pre-class reading should be fairly superficial**; read the headings, look at the figures, look over the steps in the worked examples, skim the text to remind yourself of the terminology for that class. More detailed reading can be done after class if necessary. The only exception to this might be if you have not formally studied a particular subject or topic in your undergraduate preparation (e.g., you never took Microbiology), or if you feel like a particular subtopic is a weakness for you; in that case, you may want to read those chapters or sections in more detail prior to coming to class.

Primer questions are designed to be completed before the relevant science lecture.

All the science lectures have Primer Question online drills associated with them (found in the **Pework** section of every class. These are very short sets of questions (5-6) designed to be taken **before** their relevant lecture. Correct answers are provided, but not explanations, because the goal is to “prime”, your brain for lecture. You’ll understand the correct answers as you follow along with your instructor in class.

MAXIMIZE YOUR PREP: Get ahead on your science readings

The MCAT covers a lot of content, and it is never too early to drill on content. You should try to stay at least a week ahead on your readings, as opposed to using your schedule to prepare “just in time”.

Your review textbooks have been designed specifically to prep you for the MCAT.

The MCAT covers science content that is typically spread across the equivalent of 4-5 year-long university courses.

Your review textbooks are based on careful analysis of the MCAT's rubric and the experience of thousands of teachers and students every year.

You do not need to use other course textbooks.

MAXIMIZE YOUR PREP: Trust your textbook readings to focus your prep on what you need to know for the MCAT

Many students will have progressed to content beyond the level of the MCAT in at least some of the subject areas tested. Many students will have experienced success by “going above and beyond” in science classes. Success on the MCAT involves focusing on the specific content tested.

Classes

MAXIMIZE YOUR PREP: Come to every class prepared to participate

Do all your prework, bring your ICC and have a notebook, scratch paper, and a highlighter! Even if you're comfortable with the content of a lesson, you will benefit from the reinforcement, and especially from the MCAT style practice passages where the content and strategy are applied.

All science classes involve content teaching.

A strength of The Princeton Review's program is that it incorporates actual teaching of selected content.

Emphasis is placed on topics that are most frequently tested. If you are already very confident in a subtopic, you may not find every part of a class equally useful.

However, we do not teach all content. If you have an area of weakness, or perhaps have not had the benefit of prior university course work in a subject, you will need to spend more time on your readings. Even so, you may find some classes moving more quickly than you find comfortable or you may perceive some classes not to be covering points that you do not fully understand. In such circumstances, it may be worth speaking with us about other options such as additional tutoring or a different prep schedule.

CARS classes teach specific strategies which must be practiced for you to benefit from them.

CARS does not test content, but you can improve significantly by learning how the passages and questions are structured and what skills they test.

MAXIMIZE YOUR PREP: Read, read, read to improve your CARS skills

Beyond your MCAT practice, you can improve your CARS skills by reading articles and books similar in subject matter and reading level to the CARS section and applying our MCAT CARS strategies. Some students also benefit from our MCAT CARS SkillBuilder mini-course or from additional tutoring.

All classes include completing and reviewing MCAT style practice passages

These passages are found in the In-Class Compendium (ICC). Bring this book to every class.

There are no solutions in this book because you will be solving passages, and getting any clarifications, by attending required classes.

Class Overview

Subject	Number of Classes	Class Hours
Biology/Biochemistry	11	33
General Chemistry	6	18
Organic Chemistry	4	12
Physics	6	18
Psychology and Sociology	7	21
Critical Analysis and Reasoning Skills (CARS)	7	21
Total	41	123

Refer to your Home page for the order of lessons specific to your course.

MedFlix (Video Lessons)

MedFlix is a library of content videos to enhance your prep.

MedFlix videos are found in the **Class** section of each class in the schedule on the Home page or in the subject listings on the Course Index page.

Content is presented in easily digestible 5-15 minutes segments.

MedFlix videos can be used in three ways.

Discover the relevant strategies and content of each class. Students enrolled in any of The Princeton Review's prep programs can use these videos to gain an understanding of what is coming up beyond pre-reading assignments.

Preview specific content topics before class. For example, maybe it's been a while since you've seen DNA replication, and you will benefit from a quick preview before class beyond your pre-reading.

Review or refresh content after class. For example, you have attended a class on a topic that you know is challenging or unfamiliar for you. In order to maximize the value of your practice on MCAT style questions, you can watch these videos (pausing, and rewatching as much as necessary) so that you are confident when you go to apply the content.

MedFlix videos do not cover In Class Compendium passage exercises.

You must attend class to participate in these exercises.

MedFlix CARS Passages and Exercises

Note that the CARS passages and exercises covered in the videos can be found in *the MCAT CARS Review* textbook, not in the ICC (ICC passages are not discussed in the videos).

Class	MedFlix Video	CARS Review
Class 1 - Introduction to CARS	MedFlix CARS Passage Drill I: The Six Steps in Action	CARS Review Chap. 2, Practice Passage 2
Class 2 - Active Reading	MedFlix CARS Passage Drill II: Active Reading	CARS Review Chap. 4, Practice Passage 1
Class 3 - Question Types and Strategies Part I	MedFlix CARS Passage Drill III: Answering in Own Words	CARS Review Chap. 8, Exercise 6 Passage 1
Class 4 - Question Types and Strategies Part II	MedFlix CARS Passage Drill IV: Attacking the Questions	CARS Review Chap. 9, Practice Passage 1
Class 5 - POE and Attractors	MedFlix CARS Passage Drill V: Annotating POE	CARS Review Chap. 8, Practice Passage 2
Class 6 - Section-Wide Strategy: Ranking/Ordering and Pacing	MedFlix CARS Skill Building Drill: Passage Ranking Exercise	CARS Review Chap. 6, Passage Ranking Exercise
Class 6 - Section-Wide Strategy: Ranking/Ordering and Pacing	MedFlix CARS Passage Drill VI: Ranking and Pacing	CARS Review Chap. 6, Practice Passages 1 & 2
Class 6 - Section-Wide Strategy: Ranking/Ordering and Pacing	MedFlix CARS Passage Drill VII: 5 Minutes Left	CARS Review Chap. 7, Exercise 2 "5 Minute Drill"
Class 7 - Solidifying Your Strategy	MedFlix CARS Passage Drill VIII: Solidifying Your Strategy 1	CARS Review Chap. 7, Practice Passage 1
Class 7 - Solidifying Your Strategy	MedFlix CARS Passage Drill IX: Solidifying Your Strategy 2	CARS Review Chap. 9, Practice Passage 2

MCAT Topic Focus

MAXIMIZE YOUR PREP: For the MCAT 515+ Guarantee, you must attend (or watch recordings of) additional MCAT Topic Focus lessons.

These sessions are offered on a rotating schedule and provide you with the opportunity to work with teachers on additional topics.

Sessions include both student-led “office hours” and instructor-led topic-based sessions.

The student-led office hours sessions are drop-in sessions. You can attend as many as you like, and you can use them to ask a certified MCAT instructor any questions you have about MCAT content or homework. Note: that office hours are subject-specific: if you're looking for Physics help, be sure to come to a Physics session!

The instructor-led sessions feature about 30-40 minutes of teaching on a specific MCAT topic, followed by guided practice through freestanding questions or an MCAT passage. These are not “drop-in” sessions, and you should join at the start time, as you would for a regular class.

All MCAT Topic Focus sessions, including office hours, are found on the Topic Focus page in your Online Dashboard.

You can add the sessions you want to attend to your schedule on the Home page to help keep track.

MAXIMIZE YOUR PREP: You can start attending or watching MCAT Topic Focus sessions as soon as you enroll.

One way to get ahead and to reduce time pressure while the scheduled classes for your program are running is to start attending or watching MCAT Topic Focus sessions early.

NOT ALL TOPIC FOCUS SESSIONS ARE EQUAL!

For some sessions, it's fine to take them early... before that content is covered in class, or even before the course starts. Other sessions, however, are better attended after you've studied the corresponding subject lecture. See the details below for the different subjects.

Biology Topic Focus Lessons

Topic	Recommended Pacing	Required for 515+
Biology: Introduction to Science Passages (Basic)	Before Course Starts	Y
Biology: Krebs Cycle Details (Advanced)	After Biology Class 2	Y
Biology: Electrophoresis, Blotting, and ELISA (Basic)	After Biology Class 3	Y
Biology: Molecular Biology Techniques: PCR Variations (Basic)	After Biology Class 3	Y
Biology: Molecular Biology Techniques: Analyzing Gene Expression (Advanced)	After Biology Class 3	Y
Biology: Calcium as an Intracellular Signaling Molecule (Advanced)	After Biology Class 5	Y
Biology: Pedigree Analysis (Advanced)	After Biology Class 6	Y
Biology: Genetics Probability Basics (Basic)	Before Course Starts	N
Biology: Mitosis/Meiosis (Basic)	Before Course Starts	N
Biology: Regulation of Glycolysis/Gluconeogenesis (Basic)	After Biology Class 2	N
Biology: DNA Mutation and Repair (Advanced)	After Biology Class 3	N
Biology: Action Potentials (Advanced)	After Biology Class 7	N
Biology: Autonomic Nervous System (Advanced)	After Biology Class 7	N
Biology: Blood Pressure Regulation (Advanced)	After Biology Class 9	N

General Chemistry Topic Focus Lessons

Topic	Recommended Pacing	Required for 515+
General Chemistry: The Mole and MCAT Applications (Basic)	Before Course Starts	Y
General Chemistry: From Lewis Structures to Intermolecular Forces (Basic)	After GChem Class 2	Y
General Chemistry: Le Châtelier's Principle and Thermodynamics (Advanced)	After GChem Class 4	Y
General Chemistry: Acid/Base Fundamentals (Basic)	After GChem Class 4	N
General Chemistry: ICEbox Problems (Advanced)	After GChem Class 4	N
General Chemistry: Rate Laws and Reaction Orders (Advanced)	After GChem Class 4	N
General Chemistry: Titrations and Buffers (Advanced)	After GChem Class 5	N
General Chemistry: Electrochemistry Tips and Tricks (Basic)	After GChem Class 6	N

Organic Chemistry Topic Focus Lessons

Topic	Recommended Pacing	Required for 515+
Organic Chemistry: IUPAC nomenclature (Basic)	Before Course Starts	Y
Organic Chemistry: High-Yield Separation Techniques (Advanced)	After OChem Class 2	Y
Organic Chemistry: Tautomerism and Acidity (Advanced)	After OChem Class 3	Y
Organic Chemistry: Amino Acid Side Chains with Peptide Analysis (Advanced)	After OChem Class 4	Y
Organic Chemistry: The Organic Chemist's Toolbox (Basic)	Before Course Starts	N
Organic Chemistry: ¹ H NMR Spectroscopy (Basic)	After OChem Class 1	N
Organic Chemistry: CIP Rules and Stereoisomers (Advanced)	After OChem Class 1	N
Organic Chemistry: Substitution Reactions (Basic)	After OChem Class 1	N
Organic Chemistry: Carbohydrate Structure and Reactivity (Basic)	After OChem Class 3	N

Physics Topic Focus Lessons

Topic	Recommended Pacing	Required for 515+
Physics: Dealing with Data in Physics Passages (Basic)	Before Course Starts, after 1 st practice test	Y
Physics: MCAT Math Review (Basic)	Before Course Starts, after 1 st practice test	Y
Physics: Process of Elimination with Conceptual Questions (Basic)	After Physics Class 1	Y
Physics: Predicting MCAT Physics Passage Questions (Advanced)	After Physics Class 2	Y
Physics: Mechanics of (Human) Movement (Advanced)	After Physics Class 2	N
Physics: Energy Conservation and Systems (Advanced)	After Physics Class 3	N
Physics: Physics of Blood Flow (Advanced)	After Physics Class 3	N
Physics: Circuits in the Body (Advanced)	After Physics Class 4	N
Physics: Optics of Vision Correction and Supplementation (Advanced)	After Physics Class 6	N
Physics: Sound, Light, and Medical Imaging (Advanced)	After Physics Class 6	N

Psychology and Sociology Topic Focus Lessons

Topic	Recommended Pacing	Required for 515+
Psychology/Sociology: Interpreting Graphs (Basic)	Before Course Starts	Y
Psychology/Sociology: Social Behavior (Basic)	Before Course Starts	Y
Psychology/Sociology: Social Interaction and Culture (Basic)	Before Course Starts	Y
Psychology/Sociology: Research Methods (Basic)	After Psych/Soc Class 2	Y
Psychology/Sociology: Therapeutic Approaches (Advanced)	After Psych/Soc Class 5	Y
Psychology/Sociology: Attitude and Behavior (Basic)	Before Course Starts	N
Psychology/Sociology: Psychological Disorders (Advanced)	After Psych/Soc Class 5	N
Psychology/Sociology: Memory (Advanced)	After Psych/Soc Class 6	N

CARS Topic Focus Lessons

Topic	Recommended Pacing	Required for 515+
CARS: Maximizing Your CARS Score Through Self-Evaluation (Basic)	After CARS Class 1	Y
CARS: Active Reading: Reading for Tone (Basic)	After CARS Class 2	Y
CARS: Reading Efficiently: Claims and Evidence (Advanced)	After CARS Class 2	Y
CARS: Refining Your Strategy: Attacking Inference Questions (Advanced)	After CARS Class 3	Y
CARS: Down to Two Choices: What Do I Do (Basic)	After CARS Class 5	Y
CARS: POE - Identifying and Eliminating Attractors (Basic)	After CARS Class 5	Y
CARS: Attacking Difficult Passages (Advanced)	After CARS Class 6	Y
CARS: CARS Active Reading (Basic)	After CARS Class 1	N
CARS: Refining Your Strategy: Attacking Analogy and New Information Questions (Advanced)	After CARS Class 4	N
CARS: Refining Your Strategy: Attacking Reasoning Questions (Advanced)	After CARS Class 4	N
CARS: Refining Your Strategy: Attacking Weaken and Strengthen Questions (Advanced)	After CARS Class 4	N

AFTER CLASS PRACTICE

On the next several pages you will find listings of practice passages to be completed after each class in each subject.

While all items (including those found in your Review textbooks) are listed in the [Homework](#) section of each class on the [Home](#) page or [Course Index](#) page of your [Online Dashboard](#), the listings below provide additional guidance as to what questions are required for all students, and which may be required or optional based on specific areas of strength and weakness.

Sciences Overview

Complete and review your [Diagnostic Quizzes](#) to identify “Subtopic” Weaknesses and Strengths.

If you are scoring less than 50% on a subtopic, you are required to do additional passages that tend to be more memory based.

If you are scoring over 50% on a subtopic, you are required to do additional passages that are less content heavy and go beyond the basics of the associated concepts.

Any passages that don't fit your personal weaknesses and strengths can be used for additional practice.

There are many optional passages. Some of these are also categorized in terms of whether they are more beneficial to a student who is addressing a weakness or building on a strength.

Subtopics can be seen in the name (or MedFlix videos) of each class.

General Chemistry is a topic within the course. The subtopics in **General Chemistry Class 2 - Bonding and Intermolecular Forces; Thermodynamics** are:

- Bonding
- Intermolecular Forces
- Thermodynamics

Score reports show multiple levels of “concepts tested” to support detailed analysis of your performance.

Many MCAT passages test multiple concepts. Use subtopics to help understand what additional practice you are required to do and should prioritize. But do not worry about an exact 1:1 correspondence between subtopics and the concepts tested on any individual passage.

Sample Diagnostic Quiz Question

Below is Question 5 from [General Chemistry Diagnostic Quiz 2A](#) found in [General Chemistry Class 2](#) on the [Home](#) page or the [Course Index](#) page of your [Online Dashboard](#). This Diagnostic Quiz acts as a pretest to help you assess your confidence in General Chemistry subtopics and associated concepts that will be covered in the second General Chemistry class.

The Concepts Tested section at the bottom shows that Intermolecular Interactions are being tested, specifically, Hydrogen Bonding.

Question 5

Which of the following molecules CANNOT participate in hydrogen bonding with water?

- ☐ A. NH_3
- ☐ B. $\text{CH}_3\text{C}(=\text{O})\text{CH}_3$
- ☐ C. C_2H_4 **Correct Answer** (Blank)
- ☐ D. H_2CO_3

You did not answer this question. [Click here](#) to reveal explanation.

Question Explanation

C. Water can both accept hydrogen bonds (at the oxygen atom) as well as donate them (at the hydrogen atoms). In order for a molecule to interact with water using a hydrogen bond, the chemical must be a hydrogen bond donor or acceptor. Choices A and D have donor sites (N—H and O—H bonds, respectively), so they can both be eliminated. Choice C has an acceptor site (the oxygen atom has lone pairs). Therefore, by process of elimination, choice C is correct. C_2H_4 has no electronegative atom with a lone pair to serve as an acceptor, and all of its hydrogen atoms are bound to carbon. It cannot participate in hydrogen bonding with water.

Concepts tested

Intermolecular Interactions: Hydrogen Bonding

Biology/Biochemistry

Class 1 - Biochemistry I

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 1A – Macromolecules and Enzymes	Diagnostic Quiz	Required - All Students
FSQ Drill: Biochemistry I - Biomolecules and Enzymes	Online Drill	Required - All Students
MCAT Biology Passage 1 - Enzymes I	Online Drill	Required - All Students
MCAT Biology Passage 2 - Enzymes II	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 3 - Enzymes III	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 78 - Enzymes IV	Online Drill	Required - All Students
MCAT Biology Passage 79 - Enzymes V	Online Drill	Optional - All Students
Biology Diagnostic Quiz 1B – Macromolecules and Enzymes	Diagnostic Quiz	Required - Subtopic Weakness

Class 2 - Biochemistry II

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 2A – Biochemical Pathways I	Diagnostic Quiz	Required - All Students
Biology Diagnostic Quiz 3A – Biochemical Pathways II		Required - All Students
FSQ Drill: Biochemistry II - Metabolic Pathways	Online Drill	Required - All Students
MCAT Biology Passage 6 - Biochem Pathways: Cellular Respiration	Online Drill	Required - All Students
MCAT Biology Passage 80 - Biochem Pathways: Krebs	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 5 - Biochem Pathways: Carbohydrates I	Online Drill	Required - All Students
MCAT Biology Passage 7 - Biochem Pathways: Carbohydrates II	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 10 - Biochem Pathways: Carbohydrates III	Online Drill	Required - All Students
MCAT Biology Passage 81 - Biochem Pathways: Carbohydrates IV	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 8 - Biochem Pathways: Glycogen	Online Drill	Required - All Students
MCAT Biology Passage 82 - Biochem Pathways: Lipids I	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 83 - Biochem Pathways: Lipids II	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 9 - Biochem Pathways: Protein	Online Drill	Required - All Students
Biology Diagnostic Quiz 2B – Biochemical Pathways I	Diagnostic Quiz	Required - Subtopic Weakness
Biology Diagnostic Quiz 3B – Biochemical Pathways II		Required - Subtopic Weakness

Class 3 - Molecular Biology

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 4A – Molecular Biology	Diagnostic Quiz	Required - All Students
FSQ Drill: Molecular Biology	Online Drill	Required - All Students
MCAT Biology Passage 4 - Ligand-DNA Interactions	Online Drill	Required - All Students
MCAT Biology Passage 11 - DNA Structure/Protection/Repair	Online Drill	Required - All Students
MCAT Biology Passage 12 - Mutations I	Online Drill	Required - All Students
MCAT Biology Passage 74 - Mutations II	Online Drill	Required - All Students
MCAT Biology Passage 13 - Chromosome Translocations	Online Drill	Required - All Students
MCAT Biology Passage 14 - Transposons	Online Drill	Optional - Subtopic Strength

Assignment Name	Assignment Type	Assignment Level
MCAT Biology Passage 15 - RNA	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 16 - Transcription/Translation I	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 84 - Transcription/Translation II	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 85 - Translation	Online Drill	Required - All Students
Biology Diagnostic Quiz 4B – Molecular Biology	Diagnostic Quiz	Required - Subtopic Weakness

Class 4 – Microbiology

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 5A – Microbiology	Diagnostic Quiz	Required - All Students
FSQ Drill: Microbiology - Viruses and Prions	Online Drill	Required - All Students
FSQ Drill: Microbiology - Bacteria	Online Drill	Required - All Students
FSQ Drill: Lab Techniques	Online Drill	Required - All Students
MCAT Biology Passage 17 - Integral Membrane Proteins	Online Drill	Optional - All Students
MCAT Biology Passage 18 - Viruses I	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 86 - Viruses II	Online Drill	Required - All Students
MCAT Biology Passage 87 - Viruses III	Online Drill	Optional - All Students
MCAT Biology Passage 88 - Viruses IV	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 19 - Retroviruses	Online Drill	Required - All Students
MCAT Biology Passage 20 - Subviral Particles: Prions I	Online Drill	Required - All Students
MCAT Biology Passage 89 - Subviral Particles: Prions II	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 21 - Bacteria I	Online Drill	Required - All Students
MCAT Biology Passage 22 - Bacteria II	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 91 - Bacteria III	Online Drill	Required - All Students
MCAT Biology Passage 92 - Bacteria IV	Online Drill	Optional - All Students
MCAT Biology Passage 93 - Bacteria V	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 94 - Bacteria VI	Online Drill	Optional - All Students
MCAT Biology Passage 95 - Bacteria VII	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 96 - Bacteria VIII	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 90 - Plasmids/Recombinant DNA	Online Drill	Optional - Subtopic Strength
Biology Diagnostic Quiz 5B – Microbiology	Diagnostic Quiz	Required - Subtopic Weakness

Class 5 - Cell Biology

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 6A – Eukaryotic Cell Biology	Diagnostic Quiz	Required - All Students
FSQ Drill: Eukaryotic Cells - Structure and Transport	Online Drill	Required - All Students
FSQ Drill: Eukaryotic Cells - Mitosis and Signaling	Online Drill	Required - All Students
MCAT Biology Passage 27 - Prokaryotes vs. Eukaryotes	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 26 - Osmosis/Diffusion	Online Drill	Required - All Students
MCAT Biology Passage 100 - Eukaryotic Cell Biology: Membrane Transport I	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 101 - Eukaryotic Cell Biology: Membrane Transport II	Online Drill	Required - All Students

Assignment Name	Assignment Type	Assignment Level
MCAT Biology Passage 103 - Eukaryotic Cell Biology: Membrane Transport III	Online Drill	Required - All Students
MCAT Biology Passage 24 - Eukaryotic Cell Biology: Membrane Transport IV	Online Drill	Required - All Students
MCAT Biology Passage 102 - Eukaryotic Cell Biology: G-proteins I	Online Drill	Optional - All Students
MCAT Biology Passage 104 - Eukaryotic Cell Biology: G-proteins II	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 23 - Growth Factor	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 97 - Eukaryotic Cell Biology: Cytoskeleton	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 98 - Mitosis/Meiosis I	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 99 - Mitosis/Meiosis II	Online Drill	Optional - All Students
MCAT Biology Passage 28 - Oncogenes	Online Drill	Optional - All Students
MCAT Biology Passage 29 - Tumor Suppressor Genes	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 25 - Caspases	Online Drill	Optional - All Students
MCAT Biology Passage 105 - Eukaryotic Cell Biology: Cancer I	Online Drill	Optional - All Students
MCAT Biology Passage 106 - Eukaryotic Cell Biology: Cancer II	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 107 - Eukaryotic Cell Biology: Cancer III	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 108 - Eukaryotic Cell Biology: Cancer IV	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 109 - Eukaryotic Cell Biology: Cancer V	Online Drill	Optional - Subtopic Strength
Biology Diagnostic Quiz 6B – Eukaryotic Cell Biology	Diagnostic Quiz	Required - Subtopic Weakness

Class 6 – Genetics

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 7A – Genetics	Diagnostic Quiz	Required - All Students
FSQ Drill: Genetics - Meiosis, Mutation, and Populations	Online Drill	Required - All Students
FSQ Drill: Genetics - Inheritance, Mendel, and Linkage	Online Drill	Required - All Students
MCAT Biology Passage 75 - Mendelian Genetics I	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 110 - Mendelian Genetics II	Online Drill	Required - All Students
MCAT Biology Passage 164 - Mendelian Genetics III	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 111 - Linked Genes	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 30 - Hardy Weinberg I	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 32 - Hardy-Weinberg II	Online Drill	Required - All Students
MCAT Biology Passage 112 - Hardy-Weinberg III	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 31 - Genetics: Epigenetics	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 33 - Pedigrees	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 165 - Pedigrees II	Online Drill	Optional - Subtopic Strength
Biology Diagnostic Quiz 7B – Genetics	Diagnostic Quiz	Required - Subtopic Weakness

Class 7 - Nervous System

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 8A – The Nervous System	Diagnostic Quiz	Required - All Students
FSQ Drill: Nervous and Sensory Systems	Online Drill	Required - All Students
MCAT Biology Passage 34 - Neurobiology I	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 123 - Neurobiology II	Online Drill	Required - Subtopic Strength

Assignment Name	Assignment Type	Assignment Level
MCAT Biology Passage 35 - Neurons/Action Potentials I	Online Drill	Required - All Students
MCAT Biology Passage 113 - Neurons/Action Potentials II	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 122 - Neurons/Action Potentials III	Online Drill	Required - All Students
MCAT Biology Passage 114 - CNS: Learning	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 40 - Sensory Systems: Adaptation	Online Drill	Required - All Students
MCAT Biology Passage 37 - Sensory Systems: Sensory Receptors I	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 121 - Sensory Systems: Sensory Receptors II	Online Drill	Optional - All Students
MCAT Biology Passage 115 - Sensory Systems: Vision I	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 116 - Sensory Systems: Vision II	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 117 - Sensory Systems: Vision III	Online Drill	Optional - All Students
MCAT Biology Passage 36 - Sensory Systems: Vision IV	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 38 - Sensory Systems: Vision V	Online Drill	Required - All Students
MCAT Biology Passage 118 - Sensory Systems: Hearing I	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 119 - Sensory Systems: Hearing II	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 120 - Sensory Systems: Hearing III	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 39 – Hearing IV	Online Drill	Required - All Students
Biology Diagnostic Quiz 8B – The Nervous System	Diagnostic Quiz	Required - Subtopic Weakness

Class 8 - Endocrine, Cardiovascular, Immunology

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 9A – The Endocrine System Biology Diagnostic Quiz 10A – The Cardiac and Immune Systems	Diagnostic Quiz	Required - All Students
FSQ Drill: Endocrine System	Online Drill	Required - All Students
FSQ Drill: Cardiac and Lymphatic Systems	Online Drill	Required - All Students
FSQ Drill: Blood Gas Transport and Immune System	Online Drill	Required - All Students
MCAT Biology Passage 44 - Endocrine Regulation I	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 45 - Endocrine Regulation II	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 46 - Endocrine Regulation III	Online Drill	Optional - All Students
MCAT Biology Passage 124 - Hormones: Adrenal Corticosteroids I	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 126 - Hormones: Adrenal Corticosteroids II	Online Drill	Required - All Students
MCAT Biology Passage 125 - Hormones: Blood Calcium Regulation	Online Drill	Required - All Students
MCAT Biology Passage 127 - Hormones: Insulin	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 138- Hormones: Puberty	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 41 - Cardiac Output	Online Drill	Required - All Students
MCAT Biology Passage 42 - Cardiovascular System: Vasodilation	Online Drill	Optional - All Students
MCAT Biology Passage 43 - Cardiovascular System: Hemoglobin	Online Drill	Required - All Students
MCAT Biology Passage 76 - Cardiovascular System: Exercise and Blood Flow	Online Drill	Optional - All Students
MCAT Biology Passage 129 - Cardiovascular System: Blood	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 130 - Cardiovascular System: Atherosclerosis	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 131 - Cardiovascular System: Blood Pressure	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 132 - Lymphatic System	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 48 - Immune System I	Online Drill	Optional - Subtopic Strength

Assignment Name	Assignment Type	Assignment Level
MCAT Biology Passage 50 - Immune System II	Online Drill	Optional - All Students
MCAT Biology Passage 128 - Immune System III	Online Drill	Required - All Students
MCAT Biology Passage 133 - Immune System IV	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 137 - Immune System VI	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 139 - Immune System VII	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 135 - Immune System V	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 47 - Autoimmunity I	Online Drill	Required - All Students
MCAT Biology Passage 49 - Autoimmunity II	Online Drill	Optional - All Students
MCAT Biology Passage 134 - Autoimmunity III	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 77 - Lab Techniques: ELISA I	Online Drill	Optional - All Students
MCAT Biology Passage 136 - Lab Techniques: ELISA II	Online Drill	Optional - All Students
Biology Diagnostic Quiz 9B – The Endocrine System	Diagnostic Quiz	Required - Subtopic Weakness
Biology Diagnostic Quiz 10B – The Cardiac and Immune Systems		

Class 9 - Renal and Digestive Systems

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 11A – The Renal and Digestive Systems	Diagnostic Quiz	Required - All Students
FSQ Drill: Digestive and Excretory Systems	Online Drill	Required - All Students
MCAT Biology Passage 54 - Renal System I	Online Drill	Required - All Students
MCAT Biology Passage 55 - Renal System II	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 56 - Renal System III	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 141 - Renal System IV	Online Drill	Required - All Students
MCAT Biology Passage 142 - Renal System V	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 51 - Digestive System I	Online Drill	Required - All Students
MCAT Biology Passage 52 - Digestive System II	Online Drill	Required - All Students
MCAT Biology Passage 53 - Digestive System III	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 140 - Digestive System IV	Online Drill	Required - All Students
MCAT Biology Passage 143 - Digestive System V	Online Drill	Required - Subtopic Weakness
Biology Diagnostic Quiz 11B – The Renal and Digestive Systems	Diagnostic Quiz	Required - Subtopic Weakness

Class 10 - Muscular, Skeletal, and Respiratory Systems; Skin

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 12A – The Musculoskeletal System	Diagnostic Quiz	Required - All Students
Biology Diagnostic Quiz 13A – The Respiratory System and Skin		
FSQ Drill: Muscular and Skeletal Systems	Online Drill	Required - All Students
FSQ Drill: Respiratory System and Skin	Online Drill	Required - All Students
MCAT Biology Passage 57 - Muscles I	Online Drill	Required - All Students
MCAT Biology Passage 58 - Muscles II	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 145 - Muscles III	Online Drill	Optional - All Students
MCAT Biology Passage 163 - Muscles: Skeletal Muscle	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 160 - Muscles: Smooth Muscle	Online Drill	Optional - All Students
MCAT Biology Passage 161 - Muscles: Sliding Filament Theory I	Online Drill	Optional - Subtopic Weakness

Assignment Name	Assignment Type	Assignment Level
MCAT Biology Passage 162 - Muscles: Sliding Filament Theory II	Online Drill	Required - All Students
MCAT Biology Passage 59 - Muscles: Muscle Fiber Types I	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 146 - Muscles: Muscle Fiber Types II	Online Drill	Optional - All Students
MCAT Biology Passage 63 - Skeletal System I	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 64 - Skeletal System II	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 144 - Skeletal System: Remodeling	Online Drill	Required - All Students
MCAT Biology Passage 60 - Respiratory System I	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 61 - Respiratory System II	Online Drill	Required - All Students
MCAT Biology Passage 62 - Respiratory System III	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 149 - Respiratory System IV	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 148 - Respiratory System: Regulation I	Online Drill	Required - All Students
MCAT Biology Passage 150 - Respiratory System: Regulation II	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 65 - The Skin I	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 66 - The Skin II	Online Drill	Optional - All Students
MCAT Biology Passage 147 - The Skin III	Online Drill	Required - Subtopic Weakness
Biology Diagnostic Quiz 12B – The Musculoskeletal System	Diagnostic Quiz	Required - Subtopic Weakness
Biology Diagnostic Quiz 13B – The Respiratory System and Skin		

Class 11 - Reproduction and Development

Assignment Name	Assignment Type	Assignment Level
Biology Diagnostic Quiz 14A – Repro. Systems and Development	Diagnostic Quiz	Required - All Students
FSQ Drill: Reproduction	Online Drill	Required - All Students
FSQ Drill: Development	Online Drill	Required - All Students
MCAT Biology Passage 71 - Reproductive Systems I	Online Drill	Required - All Students
MCAT Biology Passage 159 - Reproductive Systems II	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 154 - Menstrual Cycle I	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 155 - Menstrual Cycle II	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 72 - Stem Cells I	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 73 - Stem Cells II	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 156 - Stem Cells III	Online Drill	Required - All Students
MCAT Biology Passage 151 - Embryology I	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 153 - Embryology II	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 157 - Embryology III	Online Drill	Required - Subtopic Strength
MCAT Biology Passage 158 - Embryology IV	Online Drill	Optional - Subtopic Weakness
MCAT Biology Passage 67 - Fetal Development I	Online Drill	Optional - Subtopic Strength
MCAT Biology Passage 68 - Fetal Development II	Online Drill	Required - Subtopic Weakness
MCAT Biology Passage 69 - Fetal Development III	Online Drill	Optional - All Students
MCAT Biology Passage 70 - Fetal Development IV	Online Drill	Required - All Students
MCAT Biology Passage 152 - Fetal Development V	Online Drill	Required - All Students
Biology Diagnostic Quiz 14B – Repro. Systems and Development	Diagnostic Quiz	Required - Subtopic Weakness

General Chemistry

Class 1 - Atomic Structure and Periodic Trends

Assignment Name	Assignment Type	Assignment Level
Gen Chem Imm Diagnostic Quiz 1A – Atomic Structure and Periodic Trends	Diagnostic Quiz	Required - All Students
FSQ Drill: Mole Conversions, Molar Relationships	Online Drill	Required - All Students
FSQ Drill: Atomic Structure and Periodic Trends	Online Drill	Required - All Students
MCAT General Chemistry Passage 2 - Experimental Analysis and Molar Relationships	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 1 - Atomic Structure I	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 43 - Atomic Structure II	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 44 - Atomic Structure III	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 45 - Atomic Structure IV	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 46 - Atomic Structure V	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 47 - Atomic Structure VI	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 48 - Atomic Structure VII	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 51 - Atomic Structure VIII	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 3 – Periodic Trends I	Online Drill	Required - All Students
MCAT General Chemistry Passage 4 – Periodic Trends II	Online Drill	Optional - All Students
MCAT General Chemistry Passage 49 - Periodic Trends III	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 50 - Periodic Trends IV	Online Drill	Required - All Students
MCAT General Chemistry Passage 5 - Bonding: Bond Types I	Online Drill	Required - All Students
Gen Chem Imm Diagnostic Quiz 1B – Atomic Structure and Periodic Trends	Diagnostic Quiz	Required - Subtopic Weakness

Class 2 - Bonding and Intermolecular Forces; Thermodynamics

Assignment Name	Assignment Type	Assignment Level
Gen Chem Imm Diagnostic Quiz 2A – Bonding and Thermodynamics	Diagnostic Quiz	Required - All Students
FSQ Drill: Bonding, Hybridization, and Molecular Shape	Online Drill	Required - All Students
FSQ Drill: Polarity and Intermolecular Forces	Online Drill	Required - All Students
FSQ Drill: Thermodynamics	Online Drill	Required - All Students
MCAT General Chemistry Passage 61 - Bonding: Bond Energy I	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 62 - Bonding: Bond Energy II	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 6 - Bonding: Bond Types II	Online Drill	Optional - All Students
MCAT General Chemistry Passage 39 - Bonding: Bond Types III	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 53 - Bonding: Bond Types IV	Online Drill	Required - All Students
MCAT General Chemistry Passage 57 - Bonding: Bond Types V	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 55 - Bonding: Covalent Compounds I	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 59 - Bonding: Covalent Compounds II	Online Drill	Optional - Subtopic Weakness

Assignment Name	Assignment Type	Assignment Level
MCAT General Chemistry Passage 54 - Bonding: Lewis Structures I	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 56 - Bonding: Lewis Structures II	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 58 - Bonding: Lewis Structures III	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 52 - Intermolecular Forces I	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 60 - Intermolecular Forces II	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 63 - Intermolecular Forces III	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 7 - Thermodynamics I	Online Drill	Required - All Students
MCAT General Chemistry Passage 40 - Thermodynamics II	Online Drill	Required - All Students
MCAT General Chemistry Passage 42 - Thermodynamics III	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 64 - Thermodynamics IV	Online Drill	Required - All Students
MCAT General Chemistry Passage 65 - Thermodynamics V	Online Drill	Required - All Students
Gen Chem Imm Diagnostic Quiz 2B – Bonding and Thermodynamics	Diagnostic Quiz	Required - Subtopic Weakness

Class 3 - Phases and Gases

Assignment Name	Assignment Type	Assignment Level
Gen Chem Imm Diagnostic Quiz 3A – Phases and Gases	Diagnostic Quiz	Required - All Students
FSQ Drill: Phases and Calorimetry	Online Drill	Required - All Students
FSQ Drill: Gases	Online Drill	Required - All Students
MCAT General Chemistry Passage 8 - Phases and Phase Changes I	Online Drill	Required - All Students
MCAT General Chemistry Passage 9 - Phases and Phase Changes II	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 66 - Phases and Phase Changes III	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 67 - Phases and Phase Changes IV	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 68 - Phases and Phase Changes V	Online Drill	Optional - All Students
MCAT General Chemistry Passage 70 - Phases and Phase Changes VI	Online Drill	Required - All Students
MCAT General Chemistry Passage 72 - Phases and Phase Changes VII	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 77 - Phases and Phase Changes VIII	Online Drill	Required - All Students
MCAT General Chemistry Passage 10 - Gases I	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 11 - Gases II	Online Drill	Required - All Students
MCAT General Chemistry Passage 12 - Gases III	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 13 - Gases IV	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 14 - Gases V	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 69 - Gases VI	Online Drill	Optional - Subtopic Weakness

Assignment Name	Assignment Type	Assignment Level
MCAT General Chemistry Passage 71 - Gases VII	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 73 - Gases VIII	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 74 - Gases IX	Online Drill	Required - All Students
MCAT General Chemistry Passage 75 - Gases X	Online Drill	Optional - Subtopic Strength
Gen Chem Imm Diagnostic Quiz 3B – Phases and Gases	Diagnostic Quiz	Required - Subtopic Weakness

Class 4 - Kinetics and Equilibrium

Assignment Name	Assignment Type	Assignment Level
Gen Chem Imm Diagnostic Quiz 4A – Kinetics and Equilibrium	Diagnostic Quiz	Required - All Students
FSQ Drill: Kinetics	Online Drill	Required - All Students
FSQ Drill: Equilibrium	Online Drill	Required - All Students
MCAT General Chemistry Passage 15 - Kinetics I	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 16 - Kinetics II	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 17 - Kinetics III	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 18 - Kinetics IV	Online Drill	Required - All Students
MCAT General Chemistry Passage 19 - Kinetics V	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 78 - Kinetics VI	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 79 - Kinetics VII	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 81 - Kinetics VIII	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 87 - Kinetics IX	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 20 - Equilibrium I	Online Drill	Required - All Students
MCAT General Chemistry Passage 21 - Equilibrium II	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 22 - Equilibrium III	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 80 - Equilibrium IV	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 82 - Equilibrium V	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 84 - Equilibrium VI	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 86 - Equilibrium VII	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 23 - Solutions I	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 76 - Solutions IV	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 83 - Solutions V	Online Drill	Required - All Students
MCAT General Chemistry Passage 85 - Solutions VI	Online Drill	Optional - Subtopic Weakness
Gen Chem Imm Diagnostic Quiz 4B – Kinetics and Equilibrium	Diagnostic Quiz	Required - Subtopic Weakness

Class 5 - Acids and Bases

Assignment Name	Assignment Type	Assignment Level
Gen Chem Imm Diagnostic Quiz 5A – Acids and Bases	Diagnostic Quiz	Required - All Students
FSQ Drill: Acid/Base Fundamentals	Online Drill	Required - All Students
FSQ Drill: Titrations, Buffers, and Indicators	Online Drill	Required - All Students
MCAT General Chemistry Passage 24 - Solutions II	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 25 - Solutions III	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 28 - Acids and Bases: pH I	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 89 - Acids and Bases: pH II	Online Drill	Optional - Subtopic Weakness

Assignment Name	Assignment Type	Assignment Level
MCAT General Chemistry Passage 27 - Acids and Bases: Strengths I	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 41 - Acids and Bases: Strengths II	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 88 - Acids and Bases: Strengths III	Online Drill	Required - All Students
MCAT General Chemistry Passage 90 - Acids and Bases: Strengths IV	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 98 - Acids and Bases: Strengths V	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 26 - Acids and Bases: Buffers I	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 92 - Acids and Bases: Buffers II	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 93 - Acids and Bases: Buffers III	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 96 - Acids and Bases: Buffers IV	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 95 - Acids and Bases: Indicators	Online Drill	Required - All Students
MCAT General Chemistry Passage 29 - Acids and Bases: Neutralization	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 30 - Acids and Bases: Titrations I	Online Drill	Required - All Students
MCAT General Chemistry Passage 31 - Acids and Bases: Titrations II	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 32 - Acids and Bases: Titrations III	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 33 - Acids and Bases: Titrations IV	Online Drill	Required - All Students
MCAT General Chemistry Passage 91 - Acids and Bases: Titrations V	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 94 - Acids and Bases: Titrations VI	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 97 - Acids and Bases: Titrations VII	Online Drill	Optional - Subtopic Weakness
Gen Chem Imm Diagnostic Quiz 5B – Acids and Bases	Diagnostic Quiz	Required - Subtopic Weakness

Class 6 - Electrochemistry and Nuclear Chemistry

Assignment Name	Assignment Type	Assignment Level
Gen Chem Imm Diagnostic Quiz 6A – Electrochemistry and Nuclear Chemistry	Diagnostic Quiz	Required - All Students
FSQ Drill: Radioactivity and Redox Chemistry	Online Drill	Required - All Students
FSQ Drill: Electrochemistry	Online Drill	Required - All Students
MCAT General Chemistry Passage 112 - Radioactivity: Nuclear Decay I	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 114 - Radioactivity: Nuclear Decay II	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 115 - Radioactivity: Nuclear Decay III	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 38 - Radioactivity: Half-Life I	Online Drill	Optional - All Students
MCAT General Chemistry Passage 113 - Radioactivity: Half-Life II	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 37 - Radioactivity: Nuclear Medicine I	Online Drill	Required - All Students
MCAT General Chemistry Passage 118 - Radioactivity: Nuclear Medicine II	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 116 - Radioactivity: Nuclear Reactions I	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 117 - Radioactivity: Nuclear Reactions II	Online Drill	Optional - Subtopic Weakness

Assignment Name	Assignment Type	Assignment Level
MCAT General Chemistry Passage 119 - Radioactivity: Nuclear Reactions III	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 120 - Radioactivity: Nuclear Reaction IV	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 121 - Radioactivity: Nuclear Reactions V	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 35 - Electrochemistry: Reduction Potentials I	Online Drill	Required - All Students
MCAT General Chemistry Passage 101 - Electrochemistry: Reduction Potentials II	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 99 - Redox I	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 100 - Redox II	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 104 - Redox III	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 102 - Electrochemistry: Nernst Equation I	Online Drill	Required - All Students
MCAT General Chemistry Passage 110 - Electrochemistry: Nernst Equation II	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 111 - Electrochemistry: Nernst Equation III	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 34 - Electrochemistry: Galvanic Cells I	Online Drill	Required - Subtopic Weakness
MCAT General Chemistry Passage 36 - Electrochemistry: Galvanic Cells II	Online Drill	Required - Subtopic Strength
MCAT General Chemistry Passage 103 - Electrochemistry: Galvanic Cells III	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 105 - Electrochemistry: Galvanic Cells IV	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 106 - Electrochemistry: Galvanic Cells V	Online Drill	Required - All Students
MCAT General Chemistry Passage 108 - Electrochemistry: Galvanic Cells VI	Online Drill	Optional - Subtopic Weakness
MCAT General Chemistry Passage 109 - Electrochemistry: Galvanic Cells VII	Online Drill	Optional - Subtopic Strength
MCAT General Chemistry Passage 107 - Electrochemistry: Electrolytic Cells	Online Drill	Required - All Students
Gen Chem Imm Diagnostic Quiz 6B – Electrochemistry and Nuclear Chemistry	Diagnostic Quiz	Required - Subtopic Weakness

Organic Chemistry

Class 1 - Fundamentals, Structure, and Stability

Assignment Name	Assignment Type	Assignment Level
OCHEM Diagnostic Quiz 1A – Structure and Stability	Diagnostic Quiz	Required - All Students
FSQ Drill: Nomenclature and Organic Chemist's Toolbox	Online Drill	Required - All Students
FSQ Drill: Stereochemistry and Conformational Analysis	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 1 - Nucleophiles, Electrophiles, and Leaving Groups I	Online Drill	Optional - Subtopic Strength
MCAT Organic Chemistry Passage 2 - Nucleophiles, Electrophiles, and Leaving Groups II	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 3 - Stability I	Online Drill	Optional - Subtopic Weakness
MCAT Organic Chemistry Passage 5 - Stability II	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 32 - Stability III	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 36 - Stability IV	Online Drill	Optional - Subtopic Strength
MCAT Organic Chemistry Passage 38 - Stability V	Online Drill	Optional - Subtopic Weakness
MCAT Organic Chemistry Passage 6 - Stability and Stereochemistry	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 4 - Structure and Stereochemistry I	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 30 - Structure and Stereochemistry II	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 34 - Structure and Stereochemistry III	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 35 - Structure and Stereochemistry IV	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 31 - Stereochemistry I	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 33 - Stereochemistry II	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 37 - Stereochemistry III	Online Drill	Optional - Subtopic Weakness
OCHEM Diagnostic Quiz 1B – Structure and Stability	Diagnostic Quiz	Required - Subtopic Weakness

Class 2 - Lab Techniques: Separations and Spectroscopy

Assignment Name	Assignment Type	Assignment Level
OCHEM Diagnostic Quiz 2A – Spectroscopy and Lab Techniques	Diagnostic Quiz	Required - All Students
FSQ Drill: Spectroscopy and Lab Techniques	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 7 - Lab Techniques	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 8 - Separation Techniques I	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 9 - Separation Techniques II	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 10 - Separation Techniques III	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 26 - Separation Techniques IV	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 39 - Separation Techniques V	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 11 - Spectroscopy I	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 12 - Spectroscopy II	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 27 - Spectroscopy III	Online Drill	Required - Subtopic Weakness

Assignment Name	Assignment Type	Assignment Level
MCAT Organic Chemistry Passage 40 - Spectroscopy IV	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 41 - Spectroscopy V	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 42 - Spectroscopy VI	Online Drill	Required - Subtopic Weakness
OCHEM Diagnostic Quiz 2B – Spectroscopy and Lab Techniques	Diagnostic Quiz	Required - Subtopic Weakness

Class 3 - Carbonyl Chemistry

Assignment Name	Assignment Type	Assignment Level
OCHEM Diagnostic Quiz 3A – Organic Reactions	Diagnostic Quiz	Required - All Students
FSQ Drill: Carbonyl Chemistry	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 13 - Substitutions I	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 14 - Substitutions II	Online Drill	Optional - Subtopic Weakness
MCAT Organic Chemistry Passage 15 - Substitutions III	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 16 - Substitutions IV	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 43 - Substitutions V	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 50 - Substitutions VI	Online Drill	Optional - Subtopic Strength
MCAT Organic Chemistry Passage 17 - Aldehyde and Ketone Chemistry I	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 18 - Aldehyde and Ketone Chemistry II	Online Drill	Optional - Subtopic Strength
MCAT Organic Chemistry Passage 19 - Aldehyde and Ketone Chemistry III	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 20 - Aldehyde and Ketone Chemistry IV	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 46 - Aldehyde and Ketone Chemistry V	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 49 - Aldehyde and Ketone Chemistry VI	Online Drill	Optional - Subtopic Strength
MCAT Organic Chemistry Passage 51 - Aldehyde and Ketone Chemistry VII	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 28 - Enolates	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 21 - Carboxylic Acid Derivatives I	Online Drill	Optional - Subtopic Weakness
MCAT Organic Chemistry Passage 29 - Carboxylic Acid Derivatives II	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 44 - Carboxylic Acid Derivatives III	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 45 - Carboxylic Acid Derivatives IV	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 47 - Carboxylic Acid Derivatives V	Online Drill	Optional - Subtopic Weakness
MCAT Organic Chemistry Passage 48 - Carboxylic Acid Derivatives VI	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 53 - Carboxylic Acid Derivatives VII	Online Drill	Optional - Subtopic Strength

Assignment Name	Assignment Type	Assignment Level
MCAT Organic Chemistry Passage 52 - Carboxylic Acid Derivatives VIII	Online Drill	Required - Subtopic Strength
OCHEM Diagnostic Quiz 3B – Organic Reactions	Diagnostic Quiz	Required - Subtopic Weakness

Class 4 - Biologically Important Molecules

Assignment Name	Assignment Type	Assignment Level
OCHEM Diagnostic Quiz 4A – Structures and Reactions of Biological Molecules	Diagnostic Quiz	Required - All Students
FSQ Drill: Biological Molecules	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 24 - Biological Molecules III: Amino Acids	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 54 - Biological Molecules V: Amino Acids	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 60 - Biological Molecules XI: Amino Acids	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 25 - Biological Molecules IV: Proteins	Online Drill	Optional - Subtopic Strength
MCAT Organic Chemistry Passage 58 - Biological Molecules IX: Amino Acids/Proteins	Online Drill	Optional - Subtopic Strength
MCAT Organic Chemistry Passage 62 - Biological Molecules XIII: Amino Acids/Proteins	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 63 - Biological Molecules XIV: Amino Acids/Proteins	Online Drill	Optional - Subtopic Weakness
MCAT Organic Chemistry Passage 64 - Biological Molecules XV: Amino Acids/Proteins	Online Drill	Required - Subtopic Strength
MCAT Organic Chemistry Passage 23 - Biological Molecules II: Carbohydrates	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 55 - Biological Molecules VI: Carbohydrates	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 56 - Biological Molecules VII: Carbohydrates	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 59 - Biological Molecules X: Carbohydrates	Online Drill	Optional - Subtopic Weakness
MCAT Organic Chemistry Passage 22 - Biological Molecules I: Lipids	Online Drill	Required - Subtopic Weakness
MCAT Organic Chemistry Passage 61 - Biological Molecules XII: Lipids	Online Drill	Required - All Students
MCAT Organic Chemistry Passage 57 - Biological Molecules VIII: Nucleic Acids	Online Drill	Required - Subtopic Strength
OCHEM Diagnostic Quiz 4B – Structures and Reactions of Biological Molecules	Diagnostic Quiz	Required - Subtopic Weakness

Physics

Class 1 - Kinematics and Dynamics

Assignment Name	Assignment Type	Assignment Level
Physics Imm/New Diagnostic Quiz 1A – Kinematics and Dynamics	Diagnostic Quiz	Required - All Students
FSQ Drill: Kinematics 1 - Units, Vectors, and Definitions	Online Drill	Required - All Students
FSQ Drill: Kinematics 2 - The Big Five Equations and Projectiles	Online Drill	Required - All Students
FSQ Drill: Mechanics - Newton's Laws	Online Drill	Required - All Students
FSQ Drill: Mechanics - Gravity and Tension	Online Drill	Required - All Students
FSQ Drill: Mechanics - Friction and Normal Force	Online Drill	Required - All Students
FSQ Drill: Mechanics - Inclined Planes and Pulleys	Online Drill	Required - All Students
MCAT Physics Passage 1 - Kinematics I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 3 - Kinematics II	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 48 - Kinematics III	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 2 - Forces and Newton's Laws I	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 4 - Forces and Newton's Laws II	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 5 - Forces and Newton's Laws III	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 39 - Forces and Newton's Laws IV	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 49 - Forces and Newton's Laws V	Online Drill	Required - Subtopic Weakness
Physics Imm/New Diagnostic Quiz 1B – Kinematics and Dynamics	Diagnostic Quiz	Required - Subtopic Weakness

Class 2 - Circular Motion, Torque; Work and Energy

Assignment Name	Assignment Type	Assignment Level
Physics Imm/New Diagnostic Quiz 2A – Circular Motion, Torque, Work, and Energy	Diagnostic Quiz	Required - All Students
FSQ Drill: Mechanics - Uniform Circular Motion	Online Drill	Required - All Students
FSQ Drill: Mechanics - Center of Mass and Torque	Online Drill	Required - All Students
FSQ Drill: Mechanics - Work, Energy, Mech. Advantage, & Efficiency	Online Drill	Required - All Students
FSQ Drill: Mechanics - Energy Conservation and Power	Online Drill	Required - All Students
MCAT Physics Passage 9 - Forces and Newton's Laws VI	Online Drill	Optional - All Students
MCAT Physics Passage 6 - Uniform Circular Motion I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 7 - Uniform Circular Motion II	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 50 - Uniform Circular Motion III	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 8 - Torque and Center of Mass I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 51 - Torque and Center of Mass II	Online Drill	Optional - All Students
MCAT Physics Passage 52 - Torque and Center of Mass III	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 10 - Conservation of Mechanical Energy I	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 40 - Conservation of Mechanical Energy II	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 41 - Conservation of Mechanical Energy III	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 42 - Conservation of Mechanical Energy IV	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 53 - Conservation of Mechanical Energy V	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 54 - Conservation of Mechanical Energy VI	Online Drill	Optional - All Students
MCAT Physics Passage 55 - Conservation of Mechanical Energy VII	Online Drill	Required - Subtopic Weakness
Physics Imm/New Diagnostic Quiz 2B – Circular Motion, Torque, Work, and Energy	Diagnostic Quiz	Required - Subtopic Weakness

Class 3 - Physical Thermodynamics and Fluids

Assignment Name	Assignment Type	Assignment Level
Physics Imm/New Diagnostic Quiz 3A – Thermodynamics and Fluids	Diagnostic Quiz	Required - All Students
FSQ Drill: Physical Thermodynamics	Online Drill	Required - All Students
FSQ Drill: Hydrostatics	Online Drill	Required - All Students
FSQ Drill: Hydrodynamics	Online Drill	Required - All Students
MCAT Physics Passage 13 - Thermodynamics I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 14 - Thermodynamics II	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 56 - Thermodynamics III	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 57 - Thermodynamics IV	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 58 - Thermodynamics V	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 59 - Thermodynamics VI	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 15 - Fluid Statics I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 16 - Fluid Statics II	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 17 - Fluid Statics III	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 18 - Fluid Statics IV	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 43 - Fluid Statics V	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 60 - Fluid Statics VI	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 62 - Fluid Statics VII	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 63 - Fluid Statics VIII	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 19 - Fluid Dynamics I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 44 - Fluid Dynamics II	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 61 - Fluid Dynamics III	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 64 - Fluid Dynamics IV	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 65 - Fluid Dynamics V	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 66 - Fluid Dynamics VI	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 67 - Fluid Dynamics VII	Online Drill	Optional - Subtopic Strength
Physics Imm/New Diagnostic Quiz 3B – Thermodynamics and Fluids	Diagnostic Quiz	Required - Subtopic Weakness

Class 4 - Electrostatics, Capacitors, Batteries, Resistors

Assignment Name	Assignment Type	Assignment Level
Physics Imm Diagnostic Quiz 4A – Electrostatics and Circuit Elements	Diagnostic Quiz	Required - All Students
FSQ Drill: Electrostatics and Capacitors	Online Drill	Required - All Students
MCAT Physics Passage 20 - Electrostatics I	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 21 - Electrostatics II	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 45 - Electrostatics III	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 68 - Electrostatics IV	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 69 - Electrostatics V	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 70 - Circuits III	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 72 - Circuits V	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 73 - Circuits VI	Online Drill	Required - Subtopic Weakness

Assignment Name	Assignment Type	Assignment Level
MCAT Physics Passage 74 - Circuits VII	Online Drill	Optional - Subtopic Strength
Physics Imm Diagnostic Quiz 4B – Electrostatics and Circuit Elements	Diagnostic Quiz	Required - Subtopic Weakness

Class 5 - DC Circuits, Oscillators and Waves, Sound

Assignment Name	Assignment Type	Assignment Level
Physics Imm Diagnostic Quiz 5A – Circuits, Magnetism, Waves, and Sound	Diagnostic Quiz	Required - All Students
FSQ Drill: Circuits	Online Drill	Required - All Students
FSQ Drill: Capacitors in Circuits and Magnetism	Online Drill	Required - All Students
FSQ Drill: Simple Harmonic Oscillators	Online Drill	Required - All Students
FSQ Drill: Waves and Standing Waves	Online Drill	Required - All Students
FSQ Drill: Sound	Online Drill	Required - All Students
MCAT Physics Passage 22 - Circuits I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 24 - Circuits II	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 71 - Circuits IV	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 77 - Circuits VIII	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 78 - Circuits IX	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 79 - Circuits X	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 80 - Circuits XI	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 23 - Magnetism I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 46 - Magnetism II	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 75 - Magnetism III	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 76 - Magnetism IV	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 81 - Magnetism V	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 82 - Magnetism VI	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 25 - Oscillations and Waves I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 26 - Oscillations and Waves II	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 27 - Oscillations and Waves III	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 28 - Oscillations and Waves IV	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 30 - Oscillations and Waves V	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 31 - Oscillations and Waves VI	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 47 - Oscillations and Waves VII	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 83 - Oscillations and Waves VIII	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 84 - Oscillations and Waves IX	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 85 - Oscillations and Waves X	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 86 - Oscillations and Waves XI	Online Drill	Optional - Subtopic Weakness
MCAT Physics Passage 87 - Oscillations and Waves XII	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 88 - Oscillations and Waves XIII	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 89 - Oscillations and Waves XIV	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 91 - Oscillations and Waves XV	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 29 - Sound I	Online Drill	Required - Subtopic Weakness

Assignment Name	Assignment Type	Assignment Level
MCAT Physics Passage 32- Sound II	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 33 - Sound III	Online Drill	Optional - All Students
MCAT Physics Passage 90 - Sound IV	Online Drill	Optional - Subtopic Strength
Physics Imm Diagnostic Quiz 5B – Circuits, Magnetism, Waves, and Sound	Diagnostic Quiz	Required - Subtopic Weakness

Class 6 - Light, Mirrors and Lenses, Quantum Physics

Assignment Name	Assignment Type	Assignment Level
Physics Imm Diagnostic Quiz 6A – Light, Optics, and Quantum Physics	Diagnostic Quiz	Required - All Students
FSQ Drill: Light and Quantum Physics	Online Drill	Required - All Students
FSQ Drill: Lenses	Online Drill	Required - All Students
MCAT Physics Passage 92 - Sound V	Online Drill	Optional - All Students
MCAT Physics Passage 34 - Light I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 36 - Light II	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 93 - Light III	Online Drill	Optional - All Students
MCAT Physics Passage 94 - Light IV	Online Drill	Optional - All Students
MCAT Physics Passage 35 - Mirrors and Lenses I	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 95 - Mirrors and Lenses II	Online Drill	Optional - All Students
MCAT Physics Passage 96 - Mirrors and Lenses III	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 100 - Mirrors and Lenses IV	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 37 - Quantum Physics I	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 38 - Quantum Physics II	Online Drill	Required - Subtopic Weakness
MCAT Physics Passage 97 - Quantum Physics III	Online Drill	Optional - Subtopic Strength
MCAT Physics Passage 98 - Quantum Physics IV	Online Drill	Required - Subtopic Strength
MCAT Physics Passage 99 - Quantum Physics V	Online Drill	Optional - Subtopic Strength
Physics Imm Diagnostic Quiz 6B – Light, Optics, and Quantum Physics	Diagnostic Quiz	Required - Subtopic Weakness

Psychology and Sociology

Class 1 - Sociological Theories, Social Structures, Research Methods

Assignment Name	Assignment Type	Assignment Level
Psych/Soc Diagnostic Quiz 1A – Major Sociological Theories	Diagnostic Quiz	Required - All Students
FSQ Drill: Sociological Theories and Social Structures	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 3 - Sociology: Theoretical Perspectives I	Online Drill	Optional - All Students
MCAT Psychology/Sociology Passage 77 - Sociology: Theoretical Perspectives II	Online Drill	Required - All Students

Assignment Name	Assignment Type	Assignment Level
MCAT Psychology/Sociology Passage 78 - Sociology: Theoretical Perspectives III	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 5 - Sociology: Inequality II	Online Drill	Optional - All Students
Read MCAT Physics and Math Review Statistics Appendix	Textbook Reading	Required - Subtopic Weakness
Psych/Soc Diagnostic Quiz 1B – Major Sociological Theories	Diagnostic Quiz	Required - Subtopic Weakness

Class 2 - Social Institutions, Culture, Demographics, Inequality

Assignment Name	Assignment Type	Assignment Level
Psych/Soc Diagnostic Quiz 2A – Social Structures and Interaction	Diagnostic Quiz	Required - All Students
FSQ Drill: Social Institutions, Culture, Demographics, and Inequality	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 81 - Sociology: Theoretical Perspectives IV	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 33 - Sociology: Social Institutions	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 79 - Sociology: Culture	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 1 - Sociology: Inequality I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 2 - Sociology: Demographics I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 34 - Sociology: Demographics II	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 35 - Sociology: Demographics III	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 80 - Sociology: Demographics V	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 4 - Sociology: Socialization	Online Drill	Optional - Subtopic Weakness
Psych/Soc Diagnostic Quiz 2B – Social Structures and Interaction	Diagnostic Quiz	Required - Subtopic Weakness

Class 3 - Self-Identity and Social Interactions

Assignment Name	Assignment Type	Assignment Level
Psych/Soc Diagnostic Quiz 3A – Social Psychology	Diagnostic Quiz	Required - All Students
FSQ Drill: Self-Identity and Social Interactions	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 37 - Sociology: Demographics IV	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 38 - Psychology: Self-Identity I	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 39 - Psychology: Self-Identity II	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 41 - Psychology: Self-Identity III	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 44 - Psychology: Self-Identity IV	Online Drill	Optional - Subtopic Strength
MCAT Psychology/Sociology Passage 47 - Psychology: Self-Identity V	Online Drill	Optional - Subtopic Strength

Assignment Name	Assignment Type	Assignment Level
MCAT Psychology/Sociology Passage 84 - Social Psych: Self Identity VII	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 83 - Social Psych: Social Norms and Stigmas	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 32 - Psychology: Developmental Psych	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 6 - Social Psych: Attachment I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 7 - Social Psych: Attachment II	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 8 - Social Psych: Behavior I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 10 - Social Psych: Behavior II	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 36 - Sociology: Behavior IV	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 40 - Psychology: Attribution	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 42 - Psychology: Prejudice, Bias, Stereotypes, and Discrimination I	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 43 - Psychology: Prejudice, Bias, Stereotypes, and Discrimination II	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 45 - Psychology: Prejudice, Bias, Stereotypes, and Discrimination III	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 46 - Psychology: Prejudice, Bias, Stereotypes, and Discrimination IV	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 82 - Social Psych: Aggression	Online Drill	Optional - Subtopic Strength
Psych/Soc Diagnostic Quiz 3B – Social Psychology	Diagnostic Quiz	Required - Subtopic Weakness

Class 4 - Personality, Motivation, Emotion, and Stress

Assignment Name	Assignment Type	Assignment Level
Psych/Soc Diagnostic Quiz 4A – Personality and Behavior	Diagnostic Quiz	Required - All Students
FSQ Drill: Personality, Motivation, Emotion, and Attitude	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 13 - Psychology: Personality I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 52 - Psychology: Personality II	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 11 - Psychology: Motivation I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 15 - Psychology: Motivation II	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 49 - Psychology: Motivation III	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 9 - Social Psych: Emotions I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 21 - Psychology: Emotions II	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 23 - Psychology: Emotions III	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 24 - Psychology: Emotions IV	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 48 - Psychology: Emotions V	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 50 - Psychology: Emotion VI	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 87 - Psychology: Emotions VII	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 25 - Psychology: Attitude I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 51 - Psychology: Attitude II	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 54 - Psychology: Attitude III	Online Drill	Required - Subtopic Strength

Assignment Name	Assignment Type	Assignment Level
MCAT Psychology/Sociology Passage 85 - Psychology: Attitude IV	Online Drill	Optional - Subtopic Strength
MCAT Psychology/Sociology Passage 86 - Psychology: Therapeutic Approaches	Online Drill	Optional - Subtopic Strength
MCAT Psychology/Sociology Passage 53 - Psychology: Disorders III	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 55 - Psychology: Biological Psych I	Online Drill	Optional - Subtopic Strength
Psych/Soc Diagnostic Quiz 4B – Personality and Behavior	Diagnostic Quiz	Required - Subtopic Weakness

Class 5 - Psychological Disorders and Consciousness

Assignment Name	Assignment Type	Assignment Level
Psych/Soc Diagnostic Quiz 5A – Psychological States	Diagnostic Quiz	Required - All Students
FSQ Drill: Psychological Disorders and Consciousness	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 12 - Psychology: Disorders I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 14 - Psychology: Disorders II	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 57 - Psychology: Disorders IV	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 58 - Psychology: Disorders V	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 60 - Psychology: Disorders VI	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 61 - Psychology: Disorders VII	Online Drill	Optional - Subtopic Strength
MCAT Psychology/Sociology Passage 88 - Psychology: Disorders VIII	Online Drill	Optional - Subtopic Strength
MCAT Psychology/Sociology Passage 89 - Psychology: Disorders IX	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 22 - Psychology: Stress I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 56 - Psychology: Stress II	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 59 - Psychology: Stress III	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 90 - Psychology: Sleep	Online Drill	Required - Subtopic Strength
Psych/Soc Diagnostic Quiz 5B – Psychological States	Diagnostic Quiz	Required - Subtopic Weakness

Class 6 - Neuroscience, Memory, and Learning

Assignment Name	Assignment Type	Assignment Level
Psych/Soc Diagnostic Quiz 6A – Memory Psych/Soc Diagnostic Quiz 7A – Learning	Diagnostic Quiz	Required - All Students
FSQ Drill: Neuroscience, Memory, and Learning	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 17 - Psychology: Memory I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 19 - Psychology: Memory II	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 64 - Psychology: Memory III	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 65 - Psychology: Memory IV	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 67 - Psychology: Memory V	Online Drill	Optional - Subtopic Strength
MCAT Psychology/Sociology Passage 91 - Psychology: Memory VI	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 16 - Psychology: Learning I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 20 - Psychology: Learning II	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 62 - Psychology: Learning III	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 63 - Psychology: Learning IV	Online Drill	Required - Subtopic Weakness

Assignment Name	Assignment Type	Assignment Level
MCAT Psychology/Sociology Passage 66 - Psychology: Learning V	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 93 - Psychology: Learning VI	Online Drill	Optional - Subtopic Strength
MCAT Psychology/Sociology Passage 92 - Psychology: Learning VII	Online Drill	Optional - Subtopic Strength
MCAT Psychology/Sociology Passage 18 - Psychology: Behavior III	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 68 - Psychology: Cognition II	Online Drill	Optional - Subtopic Strength
MCAT Psychology/Sociology Passage 69 - Psychology: Cognition III	Online Drill	Required - Subtopic Weakness
Psych/Soc Diagnostic Quiz 6B – Memory Psych/Soc Diagnostic Quiz 7B – Learning	Diagnostic Quiz	Required - Subtopic Weakness

Class 7 - Sensation, Perception, Cognition, and Language

Assignment Name	Assignment Type	Assignment Level
Psych/Soc Diagnostic Quiz 8A – Sensation and Perception	Diagnostic Quiz	Required - All Students
FSQ Drill: Sensation, Perception, Cognition, and Language	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 94 - Psychology: Behavioral Neuroscience	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 72 - Psychology: Biological Psych II	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 26 - Psychology: Sensation and Perception I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 27 - Psychology: Sensation and Perception II	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 28 - Psychology: Sensation and Perception III	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 31 - Psychology: Sensation and Perception IV	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 70 - Psychology: Sensation and Perception V	Online Drill	Required - Subtopic Weakness
MCAT Psychology/Sociology Passage 71 - Psychology: Sensation and Perception VI	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 73 - Psychology: Sensation and Perception VII	Online Drill	Required - Subtopic Strength
MCAT Psychology/Sociology Passage 96 - Psychology: Sensation and Perception VIII	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 95 - Psychology: Attention	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 30 - Psychology: Cognition I	Online Drill	Optional - Subtopic Weakness
MCAT Psychology/Sociology Passage 74 - Psychology: Cognition IV	Online Drill	Required - All Students
MCAT Psychology/Sociology Passage 75 - Psychology: Cognition V	Online Drill	Optional - Subtopic Strength
MCAT Psychology/Sociology Passage 29 - Psychology: Language	Online Drill	Optional - Subtopic Weakness
Psych/Soc Diagnostic Quiz 8B – Sensation and Perception	Diagnostic Quiz	Required - Subtopic Weakness

Critical Analysis and Reasoning Skills Overview

Completing all required work includes reviewing your performance.

CARS practice is only effective if you are applying strategies learned in class and taking the time to review your performance fully. This is essential to becoming familiar with how the test works, and to mastering strategies.

We define a high practice test score for CARS as 125 or above.

If you are scoring 124 or below, prioritize passages that are identified as required and as “low practice test score”. These passages will help you improve your CARS skills before you attempt harder passages.

When you are scoring 125 or above, prioritize passages that are identified as required and as “high practice test score”. There is still value for you in working on the easier passages.

Note that assignments for the last two classes are the same for all students.

There is also optional practice that is identified as low or high practice test score.

About the AAMC CARS Diagnostic Tool

The AAMC has created a Diagnostic Tool with the goal of helping students identify and work on their strengths and weaknesses in the CARS section. You have access to this tool through your TPR dashboard: go to the AAMC content on your Practice tab and find “CARS Diagnostic Tool” in the list. The main value of the tool is that it provides additional practice material directly from the AAMC test writers. The explanatory videos also may give you some insight, in particular into how to track an author’s argument in the passage text. The written and video explanations are also useful in understanding why answers are right and wrong. Do keep in mind, however, that the question explanations are NOT consistently modeling or explaining strategy; that is, how you would go about answering the questions step by step.

To get the most out of the AAMC Diagnostic Tool score reports, first use their assessments to see if you are missing more questions in one or two of three AAMC question type categories (Foundations of Comprehension, Reasoning Within the Text, and Reasoning Beyond the Text). Then break those questions down into the ten TPR question types and three formats. Finally, compare those results to the Self Evaluation Passage Logs and Test Assessment Logs you are doing for your assigned Coursework passages and tests. The more data you have, the better you can recognize what is leading you to wrong answers and what you can do differently in the future in order to improve!

Here is an overview of the most important content in the AAMC Diagnostic Tool:

- A “Welcome” tab that gives you an overview of the tool.
- “Step 1” material, which consists of a review of the AAMC categorizations of passage and

question types, two practice passages, explanations of those passages, and videos that talk you through those two passages

- “Step 2” material, which consists of 28 practice passages and a score reports. The reports provide access to explanations and a breakdown of questions by skill (question type category), specific passage category (Soc Sci or Hum), and specific topic (e.g. ethics, art history, economics, etc.)
- “Step 3” material with recommendations for improving on different question types (largely types of outside reading).

Notes:

- The question type categories used by the AAMC are different than those used by The Princeton Review. However, the explanations provided in “Step 1” will help you to make the necessary connections.
- There is a tab in which you can see the questions you flagged, what words you highlighted in the passages, and notes you made either as you did the passage or while reviewing. Once you reset the test, you can see score reports from previous versions, but not the flagging, highlighting, or notes.
- Each passage set must be completed before you get the score report for that set. If you leave the drill before completing all the questions, it may not save the work you have done so far.
- The functionality and delivery of the practice passages is not exactly the same as on the actual MCAT. However, there are equivalents for most of the computer-based tools (for example, an “x” to the side of an answer choice to serve as a strike-out function).

Critical Analysis and Reasoning Skills (CARS)

Class 1 - Introduction to CARS

Do Class 1 passages untimed, focusing on technique and accuracy.

Assignment Name	Assignment Type	Assignment Level
MCAT CARS Reading Comprehension Diagnostic	Diagnostic Quiz (Pework)	Required - All Students
MCAT CARS Self-Evaluation Survey: Reading Comprehension Diagnostic	Online Drill (Pework)	Required - All Students
CARS Diagnostic Quiz 1A – Previewing the Questions	Diagnostic Quiz	Required - All Students
MCAT CARS Review Chapter 2 Practice Passage 1	Online Drill	Required - All Students
MCAT CARS Review Chapter 2 Practice Passage 2	Online Drill	Required - All Students
MCAT CARS Review 3.4-CARS Exercises: MAPS	CARS Review Exercises	Required - All Students
MCAT CARS Review 3.6-CARS Exercises: Active Reading	CARS Review Exercises	Required - All Students
MCAT CARS Passage 1 (low practice test score)	Online Drill	Required - low practice test score
MCAT CARS Passage 2 (low practice test score)	Online Drill	Required - low practice test score
MCAT CARS Passage 3 (low practice test score)	Online Drill	Required - low practice test score
MCAT CARS Passage 4 (low practice test score)	Online Drill	Required - low practice test score
MCAT CARS Passage 5 (low practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 52 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 53 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 54 (low practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 55 (low practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 6 (high practice test score)	Online Drill	Required - high practice test score
MCAT CARS Passage 7 (high practice test score)	Online Drill	Required - high practice test score
MCAT CARS Passage 8 (high practice test score)	Online Drill	Required - high practice test score
MCAT CARS Passage 9 (high practice test score)	Online Drill	Required - high practice test score
MCAT CARS Passage 10 (high practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 56 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 57 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 58 (high practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 59 (high practice test score)	Online Drill	Optional - All Students
CARS Diagnostic Quiz 1B – Previewing the Questions	Diagnostic Quiz	Required – Low Diag A score

Class 2 - Active Reading

Do Class 2 passages untimed, focusing on technique and accuracy.

Assignment Name	Assignment Type	Assignment Level
CARS Diagnostic Quiz 2A – Finding the Main Point	Diagnostic Quiz	Required - All Students
MCAT CARS Review Chapter 3 Practice Passage 1	Online Drill	Required - All Students
MCAT CARS Review Chapter 3 Practice Passage 2	Online Drill	Required - All Students
MCAT CARS Passage 11 (low practice test score)	Online Drill	Required - low practice test score
MCAT CARS Passage 12 (low practice test score)	Online Drill	Required - low practice test score

Assignment Name	Assignment Type	Assignment Level
MCAT CARS Passage 13 (low practice test score)	Online Drill	Required - low practice test score
MCAT CARS Passage 14 (low practice test score)	Online Drill	Required - low practice test score
MCAT CARS Passage 15 (low practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 22 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 60 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 61 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 62 (low practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 63 (low practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 16 (high practice test score)	Online Drill	Required - high practice test score
MCAT CARS Passage 17 (high practice test score)	Online Drill	Required - high practice test score
MCAT CARS Passage 18 (high practice test score)	Online Drill	Required - high practice test score
MCAT CARS Passage 19 (high practice test score)	Online Drill	Required - high practice test score
MCAT CARS Passage 20 (high practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 64 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 65 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 66 (high practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 67 (high practice test score)	Online Drill	Optional - All Students
CARS Diagnostic Quiz 2B – Finding the Main Point	Diagnostic Quiz	Required – Low Diag A score

Class 3 - Question Types and Strategies Part I

For this and all future CARS classes, time your passages and do at least two passages at a time before checking answers.

Assignment Name	Assignment Type	Assignment Level
CARS Diagnostic Quiz 3A – Specific and General Questions	Diagnostic Quiz	Required - All Students
MCAT CARS Self-Evaluation Survey: Diagnostic 3A	Online Drill (Pework)	Required - All Students
MCAT CARS Review Chapter 4 Practice Passage 1	Online Drill	Required - All Students
MCAT CARS Review Chapter 4 Practice Passage 2	Online Drill	Required - All Students
MCAT CARS Test Section Exam I	Section Exam (Practice tab)	Required - All Students
MCAT CARS Passage 21 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 23 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 24 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 25 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 26 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 27 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 28 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 29 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 30 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 72 (high practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 68 (high practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 69 (high practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 70 (high practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 71 (high practice test score)	Online Drill	Optional - All Students

Assignment Name	Assignment Type	Assignment Level
MCAT CARS Passage 73 (high practice test score)	Online Drill	Optional - All Students
CARS Diagnostic Quiz 3B – Specific and General Questions	Diagnostic Quiz	Required – Low Diag A score
MCAT CARS Self-Evaluation Survey: Diagnostic 3B	Online Drill	Required – Low Diag A score

Class 4 - Question Types and Strategies Part II

Assignment Name	Assignment Type	Assignment Level
CARS Diagnostic Quiz 4A – Reasoning and Application Questions	Diagnostic Quiz	Required - All Students
MCAT CARS Self-Evaluation Survey: Diagnostic 4A	Online Drill (Pework)	Required - All Students
MCAT CARS Review 4.5-Exercise 1: Identifying Question Types	CARS Review Exercise	Required - All Students
MCAT CARS Review 4.6-Question Type Passage I: Retrieval	Online Drill	Required - All Students
MCAT CARS Review 4.6-Question Type Passage II: Inference	Online Drill	Required - All Students
MCAT CARS Review 4.6-Question Type Passage III: General	Online Drill	Required - All Students
MCAT CARS Review 4.6-Question Type Passage IV: Structure and Evaluate	Online Drill	Required - All Students
MCAT CARS Review 4.6-Question Type Passage V: Strengthen and Weaken	Online Drill	Required - All Students
MCAT CARS Review 4.6-Question Type Passage VI: New Info and Analogy	Online Drill	Required - All Students
MCAT CARS Test Section Exam II	Section Exam (Practice tab)	Required - All Students
MCAT CARS Passage 31 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 32 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 33 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 34 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 35 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 36 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 37 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 38 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 39 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 40 (high practice test score)	Online Drill	Optional - high practice test score
Read MCAT CARS Appendix A.1	Textbook Reading	Required - All Students
CARS Diagnostic Quiz 4B – Reasoning and Application Questions	Diagnostic Quiz	Required – Low Diag A score
MCAT CARS Self-Evaluation Survey: Diagnostic 4B	Online Drill	Required – Low Diag A score

Class 5 - POE and Attractors

Assignment Name	Assignment Type	Assignment Level
CARS Diagnostic Quiz 5A – Down to Two	Diagnostic Quiz	Required - All Students
MCAT CARS Review Chapter 5 Practice Passage 1	Online Drill	Required - All Students
MCAT CARS Review Chapter 5 Practice Passage 2	Online Drill	Required - All Students

Assignment Name	Assignment Type	Assignment Level
MCAT CARS Test Section Exam III	Section Exam (Practice tab)	Required - All Students
MCAT CARS Passage 41 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 42 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 43 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 44 (low practice test score)	Online Drill	Optional - low practice test score
MCAT CARS Passage 45 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 46 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 47 (high practice test score)	Online Drill	Optional - high practice test score
MCAT CARS Passage 48 (high practice test score)	Online Drill	Optional - high practice test score
CARS Diagnostic Quiz 5B – Down to Two	Diagnostic Quiz	Required – Low Diag A score

Class 6 - Section-Wide Strategy: Ranking/Ordering and Pacing

Assignment Name	Assignment Type	Assignment Level
CARS Diagnostic Quiz 6A – Ranking	Diagnostic Quiz	Required - All Students
MCAT CARS Review Chapters 6 Practice Passage 1	Online Drill	Required - All Students
MCAT CARS Review Chapters 6 Practice Passage 2	Online Drill	Required - All Students
MCAT CARS Review Chapters 7 Practice Passage 1	Online Drill	Required - All Students
MCAT CARS Review Chapters 7 Practice Passage 2	Online Drill	Required - All Students
MCAT CARS Review 6.4-CARS Exercises: Ranking	CARS Review Exercises	Required - All Students
MCAT CARS Review 7.4-CARS Exercises: Pacing and Self-Evaluation	CARS Review Exercises	Required - All Students
MCAT CARS Review 8.2-Refining Your Skills, Exercises 1-5	CARS Review Exercises	Required - All Students
MCAT CARS Test Section Exam IV	Section Exam (Practice tab)	Required - All Students
MCAT CARS Passage 49 (high practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 50 (high practice test score)	Online Drill	Optional - All Students
MCAT CARS Passage 51 (high practice test score)	Online Drill	Optional - All Students
CARS Diagnostic Quiz 6B – Ranking	Diagnostic Quiz	Required – Low Diag A score

Class 7 - Solidifying Your Strategy

Assignment Name	Assignment Type	Assignment Level
MCAT CARS Review Chapters 8 Practice Passage 1	Online Drill	Required - All Students
MCAT CARS Review Chapters 8 Practice Passage 2	Online Drill	Required - All Students
MCAT CARS Review Chapters 9 Practice Passage 1	Online Drill	Required - All Students
MCAT CARS Review Chapters 9 Practice Passage 2	Online Drill	Required - All Students
MCAT CARS Review 8.2-Question Type Passage I: Retrieval and Inference	Online Drill	Required - All Students
MCAT CARS Review 8.2-Question Type Passage II: Structure and Evaluate	Online Drill	Required - All Students
MCAT CARS Review 8.2-Question Type Passage III: Strengthen and Weaken	Online Drill	Required - All Students
MCAT CARS Review 8.2-Question Type Passage IV: New Info and Analogy	Online Drill	Required - All Students
Read MCAT CARS Review Appendix A.2	Textbook Reading	Required - All Students