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While questions about course content should be directed towards your instructors, the office is available to help you as well. If at any time during the course you have concerns about any aspect of the program, please call us at 866-TPR-PREP. Your satisfaction is incredibly important to us, so don’t hesitate to let us know what we can do to improve your MCAT course experience.

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—*The Princeton Review Student Services Department*

PHYSICS SYLLABUS AND HOMEWORK SCHEDULE

Note: All reading should be completed PRIOR TO the designated class; all questions and passages should be completed AFTER the designated class.

Class	Topics	MCAT Physics and Math Review	MCAT Science Workbook Questions	MCAT Science Workbook Passages	Amplifire™ Modules
1	Kinematics	Read Chapters 1 and 2, complete Chapter 2 questions and passage	pp. 1–8, questions 1–62	pp. 53–54, passages 1–2	Modules 1, 2, 3, 19
2	Mechanics I	Read Chapter 3, complete chapter questions and passage	pp. 9–14, questions 63–113	pp. 55–56, passage 3	Modules 4, 5, 20
3	Mechanics II	Read Chapter 4, complete chapter questions and passage	pp. 14–18, questions 114–140	pp. 57–58, passage 4	Modules 6, 21
4	Mechanics III	Read Chapter 5, complete chapter questions and passage	pp. 18–24, questions 141–200	pp. 58–71, passages 5–13	Modules 7, 8, 22, 23, 24, 25, 26
5	Fluids and Elasticity of Solids	Read Chapter 6, complete chapter questions and passage	pp. 25–30, questions 201–247	pp. 71–81, passages 14–23	Modules 9, 10, 27, 28, 29, 30, 31
6	Electrostatics	Read Chapter 7, complete chapter questions and passage	pp. 30–33, questions 248–269	pp. 82–83, passages 24–25	Modules 11, 32
7	Electricity and Magnetism	Read Chapter 8, complete chapter questions and passage	pp. 33–37, questions 270–294	pp. 84–99, passages 26–38	Modules 12, 33, 34, 35, 36, 37, 38, 39, 40
8	Oscillations and Waves	Read Chapter 9, complete chapter questions and passage	pp. 37–40, questions 295–327	pp. 100–117, passages 39–51	Modules 13, 14, 41, 42, 43, 44, 45, 46, 47, 48
9	Sound, Light, and Optics	Read Chapters 10 and 11, complete chapter questions and passages	pp. 40–52, questions 328–425	pp. 118–132, passages 52–62 Any remaining ICC passages	Modules 15, 16, 17, 18, 49, 50, 51, 52, 53

GENERAL CHEMISTRY SYLLABUS AND HOMEWORK SCHEDULE

Note: All reading should be completed PRIOR TO the designated class; all questions and passages should be completed AFTER the designated class.

Class	Topics	MCAT General Chemistry Review	MCAT Science Workbook Questions	MCAT Science Workbook Passages	Amplifire™ Modules
1	Stoichiometry and Atomic Structure	Read Chapters 1–3, complete Chapter 3 questions and passage	pp. 262–263 questions 1–17	pp. 273–296, passages 1–17	Modules 1, 2, 3, 4, 18, 19, 20, 21
2	Periodic Trends and Bonding	Read Chapter 4, complete questions and passage	pp. 263–264 questions 18–26	pp. 296–316, passages 18–32	Modules 5, 6, 7, 22, 23, 24, 25
3	Phases and Gases	Read Chapters 5 and 6, complete questions and passages	pp. 265–266 questions 33–45	pp. 320–337, passages 35–39, 41–43, 46	Modules 10, 11, 26, 27, 28, 29
4	Solutions, Colligative Properties, and Kinetics	Read Chapters 7 and 8, complete questions and passages	pp. 264–267 questions 27–32, 46–55	pp. 317–345, passages 33, 34, 40, 44, 45, 47–52	Modules 8, 9, 30, 31 32
5	Equilibrium; Acids and Bases (I)	Read Chapter 9 and Chapter 10 (10.1–10.5), complete Chapter 9 questions and passage	pp. 267–268 questions 56–66	pp. 344–359, passages 51–61	Modules 12, 13, 33, 34, 35, 36
6	Acids and Bases (II)	Read Chapter 10 (10.6–10.10), complete questions and passage	p. 269 questions 67–71	pp. 360–370, passages 62–70	Modules 14, 37, 38, 39
7	Thermodynamics	Read Chapter 11, complete questions and passage	pp. 269–271 questions 72–81	pp. 370–381, passages 71–78	Modules 15, 40, 41, 42, 43
8	Redox/ Electrochemistry	Read Chapter 12, complete questions and passage	pp. 271–272 questions 82–92	pp. 381–400, passages 79–93 Any remaining ICC passages	Modules 16, 17, 44, 45, 46, 47, 48

VERBAL REASONING SYLLABUS AND HOMEWORK SCHEDULE

Note: **All reading and exercises should be completed AFTER the designated class and BEFORE the next class** (or the real MCAT). Complete only the exercises and drills that are listed here or assigned by your teacher. When completing Practice Passages in the Review, make sure to follow the instructions that introduce that drill.

Class	Class Topics	MCAT Verbal Reasoning Review	MCAT Verbal Reasoning Review and Verbal Reasoning Supplement Exercises	MCAT Verbal Workbook Passages
1	Introduction to MCAT Verbal Reasoning	Read Chapters 1, 2, and 3	<i>Review:</i> Verbal Reasoning Active Reading Exercises 1 (pp. 43–44) and 3 (pp. 51–53), Ch. 2 Practice Passages (pp. 25–33)	Passages 1–10, untimed. Fill out Individual Passage Log for each passage (see <i>Review</i> p. 23).
2	Active Reading & MAPS	Read Chapter 4 and Verbal Reasoning Appendix (pp. 265–272)	<i>Review:</i> Identifying Question Types (pp. 97–98), Ch. 3 Practice Passages (pp. 55–64)	Passages 11–21, untimed. Fill out Individual Passage Log for each passage (see <i>Review</i> p. 23).
3	Question Types and Strategies: Specific and General Questions	Review Chapter 4 and read Verbal Reasoning Appendix pp. 273–287	<i>Review:</i> nothing <i>Supplement:</i> Passages I, II, and IV	Passages 22–32, untimed. Fill out Individual Passage Log for each passage (see <i>Review</i> p. 23).
4	Question Types and Strategies: Complex Questions	Read Chapter 5	<i>Review:</i> Ch. 4 Practice Passages (pp. 100–110), <i>Supplement:</i> Passages III, V, and VI, and read “Variations on a Theme: Refining Your Strategy”	Passages 33–43, keep track of time. Fill out Individual Passage Log for each passage (see <i>Review</i> p. 23).
5	The Process of Elimination (POE) and Attractors	Read Chapter 6	<i>Review:</i> Exercise 3: Evaluate Your Ranking (p. 146), Ch. 5 Practice Passages (pp. 121–133)	MCAT Verbal Reasoning Practice Test 1: timed. Fill out Test Assessment Log (see <i>Review</i> p. 24).
6	Ranking and Ordering the Passages	Read Chapters 7 and 8	<i>Review:</i> Exercises 1–4: MAPS (pp. 166–178), Dealing With Stress (p. 179), Exercises 1–3: Pacing and Self-Evaluation (pp. 200–205), Ch. 6 Practice Passages (pp. 148–158)	MCAT Verbal Reasoning Practice Test 2: timed. Fill out Test Assessment Log (see <i>Review</i> p. 24).
7	Strategy and Tactics	Read Chapter 9	<i>Review:</i> Refining Your Skills Exercises 1–4 (pp. 221–238), Ch. 7 Practice Passages (pp. 181–191)	MCAT Verbal Reasoning Practice Test 3: timed. Fill out Test Assessment Log (see <i>Review</i> p. 24).

Class	Class Topics	MCAT Verbal Reasoning Review	MCAT Verbal Reasoning Review and Verbal Reasoning Supplement Exercises	MCAT Verbal Workbook Passages
8	Refining Your Skills	Read Chapter 10	<i>Review:</i> Chapter 8 Practice Passages (pp. 207–217) Chapter 9 Practice Passages (pp. 241–250)	MCAT Verbal Reasoning Practice Test 4: timed. Fill out Test Assessment Log (see <i>Review</i> p. 24).
9	Final Preparation	n/a	<i>Review:</i> Ch. 10 Practice Passages (pp. 253–262) <i>ICC:</i> Any In-Class Compendium Passages not finished in class	Other materials: Continue self-eval. on all diagnostic tests.

BIOLOGY SYLLABUS AND HOMEWORK SCHEDULE

Note: All reading should be completed PRIOR TO the designated class; all questions and passages should be completed AFTER the designated class.

Class	Topics	MCAT Biology Review	MCAT Science Workbook Questions	MCAT Science Workbook Passages	Amplifire™ Modules
1	Biochemistry	Read Chapters 1 and 2, complete Chapter 2 questions and passage	p. 500, questions 1–8	pp. 518–527, passages 1–6	Modules 1, 15, 16, 17
2	Biological Macromolecules Molecular Biology	Read Chapter 3, complete questions and passage, skim through MCAT Organic Chemistry Review Chapter 8	pp. 501–503, questions 9–20	pp. 527–537, passages 7–12	Modules 2, 18, 19, 20
3	Microbiology	Read Chapter 4, complete questions and passage	pp. 503–504, questions 21–30	pp. 537–550, passages 13–22	Modules 3, 21, 22, 23, 24
4	Cell Biology	Read Chapter 5, complete questions and passage	pp. 504–505, questions 31–39	pp. 551–561, passages 23–29	Modules 4, 5, 25, 26, 27
5	Genetics	Read Chapter 6, complete questions and passage	pp. 505–507, questions 40–55	pp. 562–571, passages 30–36	Modules 6, 28, 29, 30
6	The Nervous System	Read Chapter 7 (7.1–7.5), complete questions and passage	pp. 507–508, questions 56–64	pp. 571–587, passages 37–46	Modules 7, 8, 31, 32, 33, 34
7	The Endocrine, Circulatory, Lymphatic, and Immune Systems	Read Chapter 7 (7.6) and Chapter 8, complete Chapter 8 questions and passage	pp. 508–511, questions 65–88	pp. 587–616, passages 47–64	Modules 9, 10, 35, 36, 37, 38, 39, 40, 41, 42, 43
8	The Excretory and Digestive Systems	Read Chapter 9, complete questions and passage	pp. 511–512, questions 89–102	pp. 616–623, passages 65–69	Modules 11, 45, 46, 47, 48
9	The Muscular, Skeletal, and Respiratory Systems	Read Chapters 10 and 11, complete questions and passages	pp. 512–516, questions 103–131	pp. 624–640, passages 70–80	Modules 12, 13, 44, 49, 50, 51, 52
10	The Reproductive Systems and Development	Read Chapter 12, complete questions and passages	pp. 516–517, questions 132–146	pp. 640–648, passages 81–87 Any remaining ICC passages	Modules 14, 53, 54

ORGANIC CHEMISTRY SYLLABUS AND HOMEWORK SCHEDULE

Note: All reading should be completed PRIOR TO the designated class; all questions and passages should be completed AFTER the designated class.

Class	Topic	MCAT Organic Chemistry Review	MCAT Science Workbook Questions	MCAT Science Workbook Passages	Amplifire™ Modules
1	Structure, Bonding, and Stability	Read Chapters 1–3, complete Chapter 3 questions and passage	pp. 778–784, questions 1–37	pp. 808–812, passages 1–4	Modules 1, 2, 3, 11, 12
2	Substitution and Elimination Reactions	Read Chapter 4, complete questions and passage	pp. 784–789, questions 38–64	pp. 812–819, passages 5–10	Modules 4, 5, 6, 13, 14
3	Electrophilic Addition Reactions and Aromaticity	Read Chapter 5, complete questions and passage	pp. 789–796, questions 65–88	pp. 819–831, passages 11–18	Modules 7, 15, 16, 17, 18
4	Nucleophilic Addition and Carboxylic Acid Derivatives	Read Chapter 6, complete questions and passage	pp. 797–803, questions 89–110	pp. 831–852, passages 19–30	Modules 8, 19, 20, 21, 22, 23, 24
5	Separation Techniques and Spectroscopy	Read Chapter 7, complete questions and passage	pp. 803–806, questions 111–129	pp. 852–857, passages 31–35	Modules 9, 25, 26
6	Biologically Important Organic Chemistry	Read Chapter 8, complete questions and passage	pp. 806–807, questions 130–138	pp. 858–872, passages 36–45 Any remaining ICC passages	Modules 10, 27, 28, 29, 30