

Instructors: Stephen Short

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Supervising Faculty Member: D. Andy Anderson: andy.anderson@usu.edu

Time/Location: MW 3:30-5:20 p.m. in LSB 231

Office Hours: Thursday 9:00-10:30am in the Library

BIOL 1030

MCAT REVIEW, SPRING 2020

Course Description. The MCAT is a humbling exam covering an extensive amount of material. To be successful on the MCAT each student must dedicate time for self-study and review. The purpose of this course is to provide a structured format for review of basic science concepts. Each student is responsible for reviewing each MCAT concept listed on the syllabus before coming to class. This class is designed to (1) help you understand how to approach MCAT questions and (2) review MCAT exam content to help identify your areas of weakness in order to give you direction in what areas you should be studying on your own. (3) Provide each student with mentors that can help them better prepare for the MCAT and medical school application.

Disclaimer: To be successful in this course and with the MCAT in general, students must be autonomous and dedicated. As instructors, we are here to facilitate learning; however, **success on the actual exam will depend on your own efforts.**

Course Learning Objectives. All class activities are designed to help students meet course objectives.

Objective 1. Students will prepare to logically apply concepts already learned in past science courses to the MCAT exam by attending class and reading assigned course materials.

Objective 2. Students will learn how to approach MCAT style questions and testing environment.

Objective 3. Students will practice mathematical calculations without calculators and utilize proper units.

Attendance: In-class attendance will be taken, and you are expected to attend 23 of the 27 classes. If you have concerns about meeting the attendance requirements, please email us or talk to us after class. Dr. Anderson will contact you if your attendance is lagging. An absence

may be made up by taking a full-length practice MCAT in addition to those already required by the course, only two absences may be made up this way.

Tentative Class Outline:

30 minutes: Critical Analysis and Reasoning skills & passages.

20 minutes: Discussion of questions from past material/questions from the assigned reading.

30 minutes: Lecture from course materials (see tentative class schedule).

30 minutes: In class exam from course materials.

*Readings required before class will be announced the week before

Grading and Evaluation

The requirements to receive a passing grade are as follows:

- 1) Mandatory attendance of 23 of the 27 classes.
- 2) Completion of free sample exam in class.
- 3) Completion of MCAT study schedule and plan.
- 4) Completion of at least three of the following: full length Princeton Review Practice Exam (free), AAMC MCAT Official Guide, AAMC Official MCAT Practice Exam 1, Next Step Practice Exam full-length (free), and Kaplan Practice Exam (free).

Note: Free sample exam will be taken in class during 2nd class period.

Meeting these requirements will earn a passing grade (“P”), anything less is a fail (“F”).

Texts and Materials.

(1) Free sample exam (taken during first week), full length Princeton Review Exam (free), full-length AAMC Practice Exam 1, Next Step Practice Exam full-length (free), or Kaplan Practice Exam (free). These tests can be found at: <https://students-residents.aamc.org/applying-medical-school/article/online-practice-mcat-exam/>. **The sample test in class and three additional practice exams are required to pass the class!!!!**

(2) *MCAT Complete 7-Book Subject Review 2019-2020* (This is the source material we will teach from, you are welcome to buy any edition to supplement your learning.)

Students with Disabilities: Students with physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations in accordance with the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973. All accommodations are coordinated through the Disability Resource Center (DRC) in Room 101 of the University Inn, 797-2444, 797-0740 TTY, or toll free at 1-800-259-2966. Please contact the DRC as early in the semester as possible. Alternate format materials (Braille, large print or digital) are available with advance notice.

Tentative Class Schedule

Note: In order to keep the topic review under 40 minutes, students must come to class having already studied the scheduled topic.

Week	Date	Topic	Quiz	Event
1	Monday, 6-Jan	Tips and Tricks to Taking the MCAT	Syllabus	
	Wednesday, 8-Jan	Sample Test	Sample Test (In Class, Mandatory)	MCAT Study Schedule Due: Mon, Jan 13th
2	Monday, 13-Jan	CARS Lecture 1	CARS	

	Wednesday, 15-Jan	CARS Lecture 2	CARS	
3	Monday, 20- Jan	HOLIDAY: Martin Luther King Jr. Day	No Class	
	Wednesday, 22-Jan	Biochemistry Lecture 1	Biochemistry Reading 1	
4	Monday, 27- Jan	Biochemistry Lecture 2	Biochemistry Reading 2	Last day to drop W/O notation
	Wednesday, 29-Jan	Biochemistry Lecture 3	Biochemistry Reading 3	
5	Monday, 3-Feb	Biochemistry Lecture 4	Biochemistry Reading 4	Kaplan Free Practice Exam (half length)
	Wednesday, 5-Feb	Physics Lecture 1	Physics Reading 1	Sat, Feb 8
6	Monday, 10- Feb	Physics Lecture 2	Physics Reading 2	
	Wednesday, 12-Feb	Physics Lecture 3	Physics Reading 3	

7	Monday, 17-Feb	HOLIDAY: Presidents Day	No Class	
	Wednesday, 19-Feb	Physics Lecture 4	Physics Reading 4	
8	Monday, 24-Feb	Psychology/Sociology Lecture 1	Psychology/Sociology Reading 1	
	Wednesday, 26-Feb	Psychology/Sociology Lecture 2	Psychology/Sociology Reading 2	
9	Monday, 2-Mar	HOLIDAY: Spring Break	No Class	
	Wednesday, 4-Mar	HOLIDAY: Spring Break	No Class	
10	Monday, 9-Mar	Psychology/Sociology Lecture 3	Psychology/Sociology Reading 3	Princeton Review Practice Exam (full length)
	Wednesday, 11-Mar	Psychology/Sociology Lecture 4	Psychology/Sociology Reading 4	Saturday, March 14
11	Monday, 16-Mar	Organic Chemistry Lecture 1	Organic Chemistry Reading 1	

	Wednesday, 18-Mar	Organic Chemistry Lecture 2	Organic Chemistry Reading 2	Last day to drop with a “W”
12	Monday, 23- Mar	Organic chemistry, Lecture 3	Organic chemistry Reading 3	
	Wednesday, 25-Mar	Biology Lecture 1	Biology Lecture Reading 1	
13	Monday, 30-Mar	Biology Lecture 2	Biology Reading 2	Next Step Practice Exam
	Wednesday, 1-Apr	Biology Lecture 3	Biology Reading 3	(Full Length) Saturday, April 4
14	Monday, 6-Apr	Biology Lecture 4	Biology Reading 4	
	Wednesday, 8-Apr	Chemistry Lecture 1	Chemistry Reading 1	
15	Monday, 13- Apr	Chemistry Lecture 2	Chemistry Reading 2	AAMC Practice

	Wednesday, 15-Apr	Chemistry Lecture 3	Chemistry Reading 3	Exam 1 (full length) Saturday, April 18
16	Monday, 20- Apr	Chemistry Lecture 4	Chemistry Reading 4	
	Wednesday, 22-Apr	No Class	No Class (Good luck on Finals!)	