

Biology 1040: DAT PREPARATION SPRING 2020 SYLLABUS

Instructors:

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SUPERVISING FACULTY MEMBER

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COURSE MEETING TIMES

Monday and Wednesday 3:30-5:20 pm LSB 207

There will be three Saturdays throughout the semester in which you will have the chance to take full-length practice DAT exams. Students will be informed of the location prior to the test days.

Note: In order to receive a “P” for the course you must attend 23 of the 27 periods and three of the four Saturday practice exams.

COURSE OVERVIEW

This course is for pre-dental students preparing to take the Dental Admissions Test in the upcoming year. It should be taken as a supplement to the student's studies and not as a sole means of preparation. During class the instructors will present important information on the DAT and teach important test taking strategies and skills. In addition, students will be given practice problems to test their understanding of each topic. Each student should come prepared to discuss the material that will be presented for that day by completing reading assignments given in class. This class is meant to be a brief review of the majority of the material that will be on the DAT. The best way for an individual to take advantage of this class is to come prepared for class and set aside time for review and practice. The DAT will be a primary criterion for an applicant's acceptance into dental school. Students will also make a list of schools they have interest in attending and each student will present general information on that school to the class. Toward the end of the semester, we will also go over interview questions and how to prepare for dental school interviews. We will also spend time setting up a study schedule to individually prepare for the DAT.

COURSE GOALS

This course will provide students with a sound understanding of all the sections on the DAT and help them to build the testing skills necessary to excel in each section. In addition, it will provide students a good review of the concepts that are most commonly seen on the actual test day. The class should be used as a measuring stick to gauge an individual's understanding of material that will be on the DAT. Other topics including application process, AADSAS, how to select schools to apply to, and interviewing procedures will also be discussed.

REQUIRED MATERIALS

The instructors have decided not to provide these materials through the bookstore because it will be less expensive for students to buy them for themselves. All materials can be found on the internet or from other dental students who have taken the DAT.

DAT 2017-2018 Strategies, Practice & Review with 2 Practice Tests: Online + Book (Kaplan Test Prep)

Cost: \$36

This is a good supplemental review book with access to 2 online full-length practice DAT Tests that will be taken as part of the course.

CLASS SUBSCRIPTION TO DAT BOOTCAMP

Cost: \$30-\$40

To aid in classroom instruction of reviewing the materials that will be on the DAT, we have asked the students who enroll in this class to be prepared to split the cost of a single class subscription of DAT Bootcamp. This subscription will be used to help review and prepare the students for specific sections of the DAT throughout the semester. This amount will vary depending on how many students enroll in the course for the semester.

SUGGESTED MATERIALS

While these will not be required for the class, these are the tools that the instructors believe are necessary to be able to score well on the DAT. It seems expensive, but these self-study materials will save lots of money compared to an off-campus prep course.

DAT Destroyer/Math Destroyer

\$200 for both

This is a good investment because you can sell it to one of your peers when you're finished with it. Any edition within the last 4 or 5 years will be acceptable. If you want to save money, try to buy it from another dental student who has already taken the DAT. This is a book full of practice questions and solutions. We will use this frequently in class.

DAT Bootcamp

Cost \$497

This program allows you access to 10 different practice exams for each section of the DAT. We will use PAT generators from DAT Bootcamp that will set a foundation of expectations of the actual DAT.

TopScore Pro for the DAT

Cost: \$59.95

This is a set of 3 practice exams that have been known to be similar in style and difficulty of the actual DAT.

Cliffs AP Biology Notes

Cost: Free PDF

Start with this in your biology review, then check your notes with Feralis' notes.

Ferrali's Biology Notes

Cost: Free on DAT Bootcamp

A student put together a comprehensive guide to the DAT biology information. Anything you need to know for the DAT biology section will be on these notes.

PRACTICE TESTS

A total of four practice test opportunities are offered during the semester. They will be offered on the Saturdays specified in the day-by-day schedule. These tests are part of the requirements to pass the class and you should plan accordingly. Once again, it is mandatory that you attend the first practice test and at least two of the final three.

GRADES

The course is graded pass/fail and is worth one credit. The grade is based on attendance and the student must attend 85% (23 out of 27) of the classes and three of the four Saturday practice test opportunities. Students must attend the tests on the days specified on the syllabus. Family events, work, or similar responsibilities will not excuse an absence. Attendance will be taken daily and turned in for grading purposes. Signing the attendance sheet for class is mandatory! If a student does not attend at least the minimum number of classes or does not take the minimum number of Saturday tests, the student will receive an "F."

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 11 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.

UNACCEPTABLE CLASSROOM BEHAVIOR

Since a significant goal of this class is to prepare each of you for the upcoming DAT, behavior that disrupts the classroom environment will be discouraged.

1. Once class has started, cell phones must be silenced and no conversations or texting are permitted.
2. Once class has started, talking among students is strongly discouraged. If you need to talk, please leave the class and conduct your conversation outside. If students persist in talking they will be asked to leave the room so other students can benefit from the limited amount of class time available.

DAT PREP SCHEDULE

Date	Material To Cover	Resource	Important Dates
06 - Jan	1. Introduction to Instructors and DAT (Dentpin registration) 2. Introduction to PAT – videos	DAT BC	Register for Dentpin
08 - Jan	1. PAT - AR* 2. Mike's videos - GC Chapter 1 - Stoichiometry	DAT BC Ferrali's notes Mike's Videos	
13 - Jan	1. PAT - Keyhole 2. Mike's videos GC Ch. 2 - Atomic and Electronic Structure	DAT BC Ferrali's notes Mike's Videos	
15 - Jan	1. PAT - AR 2. Mike's Videos GC Ch. 2 Practice Problems 3. RC Strategies	DAT BC Ferrali's notes Mike's Videos	
20 - Jan	No Class (Martin Luther King, Jr. Day)		
22 - Jan	1. PAT – Keyhole 2. Mike's Videos GC Ch. 3 – Molecular Structure	DAT BC Ferrali's notes Mike's Videos	
25 – Jan	SATURDAY: Practice Test 1	2007 ADEA DAT	

27 - Jan	<ol style="list-style-type: none"> PAT - AR Mike's Videos GC Ch. 4 Periodic Trends Practice Bio Test 	DAT BC Ferrali's notes Mike's Videos	(Last Day to drop w/out annotation)
29 - Jan	<ol style="list-style-type: none"> PAT Keyhole Mike's Videos GC Ch. 4 Periodic Trends Problems RC Strategies 	DAT BC Ferrali's notes Mike's Videos	
3 - Feb	<ol style="list-style-type: none"> PAT AR Mikes Videos - Ch. 5 – Gases 	DAT BC Ferrali's notes Mike's Videos	
5 - Feb	<ol style="list-style-type: none"> PAT Keyhole Mikes Videos - Ch. 5 – Gases Problems Math Practice Test 	DAT BC Ferrali's notes Mike's Videos	
10 - Feb	<ol style="list-style-type: none"> PAT - AR Mike's Videos Ch. 6 - Liquids and Solids Bio Practice Test 	DAT BC Ferrali's notes Mike's Videos	
12 - Feb	<ol style="list-style-type: none"> PAT Keyhole Mike's Videos Ch. 6 - Liquids and Solids Problems 	DAT BC Ferrali's notes Mike's Videos	
17 - Feb	No class (President's Day)	
19 - Feb	<ol style="list-style-type: none"> PAT - AR Mike's Videos Ch. 7 - Chemical Solutions 	DAT BC Ferrali's notes Mike's Videos	
22 - Feb	SATURDAY: Practice Test 2		
24 - Feb	<ol style="list-style-type: none"> PAT Keyhole Mike's Videos Ch. 7 - Chemical Solutions Problems Mike's Videos Ch. 8 - Chemical Kinetics 	DAT BC Ferrali's notes Mike's Videos	
26 - Feb	<ol style="list-style-type: none"> PAT - AR Mike's Videos Ch. 8 - Chemical Kinetics Problems 	DAT BC Ferrali's notes Mike's Videos	
2 - Mar	Spring Break (No Classes)	...	

4 - Mar	Spring Break (No Classes)	...	
9 - Mar	1. Math Review 2. Mike's Videos Ch. 9 - Chemical Equilibria 3. Math Destroyer - Full Length Exam	Math Destroyer	
11 - Mar	1. PAT – Keyhole 2. Mike's Videos Ch. 9 - Chemical Equilibria Problems	DAT BC Ferrali's Notes Mike's Videos	
16 - Mar	1. Mike's Videos Ch. 10 - Acid Base Equilibria 2. Math review 3. Full Length Math Destroyer exam	DAT BC Ferrali's notes Mike's Videos	
18 - Mar	1. PAT - AR 2. Mike's Videos Ch. 10 - Acid Base Equilibria Problems	DAT BC Ferrali's notes Mike's Videos	
23 - Mar	1. PAT - Keyhole 2. Mike's Videos Ch. 11 – Thermodynamics	DAT BC Ferrali's notes Mike's Videos	
25 - Mar	1. PAT - AR 2. Mike's Videos Ch. 11 – Thermodynamics Problems	DAT BC Ferrali's notes Mike's Videos	
28 - Mar	SATURDAY: Practice Test 3	Kaplan Test 2	
30 - Mar	1. PAT - Keyhole 2. Mike's Videos Ch. 12 – Electrochemistry	DAT BC Ferrali's notes Mike's Videos	
1 - Apr	1. PAT - AR 2. Mike's Videos Ch. 12 – Electrochemistry Problems	DAT BC Ferrali's notes Mike's Videos	
6 - Apr	1. PAT - Keyhole 2. Mike's Videos Ch. 13 - Nuclear Rxns	DAT BC Ferrali's notes Mike's Videos	
8 - Apr	1. PAT - AR 2. Mike's Videos Ch. 13 - Nuclear Rxns Problems	DAT BC Ferrali's notes Mike's Videos	
11 - Apr	SATURDAY: Practice Test 4	2009 DAT	
13 - Apr	1. PAT – Keyhole 2. Gen Chem Practice Test	DAT BC Ferrali's notes Mike's Videos	

15 - Apr	1. PAT - AR 2. Practice Test Review	DAT BC Ferrali's notes Mike's Videos	
20 - Apr	Work on Applications/Personal Study Schedule	DAT BC AADSAS	