

Biology 1040: DAT PREPARATION SPRING 2017 SYLLABUS

Instructors:

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SUPERVISING FACULTY MEMBER

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COURSE MEETING TIMES

Monday and Wednesday 3:30-5:20 pm GEOL 405

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. We will use Top Score Pro exams. **DO NOT PURCHASE UNTIL AFTER THE SEMESTER HAS BEGUN.**

Note: In order to receive a "P" for the course **you must attend 24 of the 29 periods and two of the three 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.

TopScore Pro for the DAT
Cost \$59.95

This is a set of 3 practice exams, 2 of which you will be required to take. You are welcome to take all three practice exams, or you can save the third for your personal study in the summer.

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.

Kaplan DAT (Kaplan Blue Book)

Cost \$70

We will use this book extensively in class. Any version will be just fine for the class.

DAT Destroyer

\$170

This book can be difficult to find. It is easiest to buy it from another dental student who has already taken the DAT to save money. This is a book full of practice questions and solutions. We will use this frequently in class, but will project it on the overhead projector.

Chad's Videos

Cost \$50/month

Chad is a DAT prep instructor that has recorded his lectures. These are very good reviews of the material you will need to know for the DAT. Purchasing gives you access to the videos and resources for a certain number of days.

DAT Bootcamp

Cost \$140

This program allows you access to 5 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.

Cliffs AP Biology Notes

Cost Free PDF

Some dental students use this to supplement the biology section in Kaplan Dental.

PRACTICE TESTS

A total of three 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 at least two of the three.**

GRADES

The course is graded pass/fail and is worth one credit. The grade is based on attendance and the student must attend 83% (24 out of 29) of the classes and two of the three 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
09-Jan	Introduction to Instructors and DAT	----	Choose Schools
11-Jan	ADSAS/Shadow Hours/Volunteer Hours	----	
16-Jan	No Class (Martin Luther King, Jr. Day)	----	
18-Jan	Gen Chem Chapter 1 – Atomic Structure	KBB	
23-Jan	Ochem 2.2-2.5 - Newman Projections, Chair Conformations, SN1/SN2 and E1/E2 Rxns	Chad's	
25-Jan	Gen Chem Chapter 2 – Periodic Trends	KBB	
30-Jan	Ochem 3.1 Alkene Rxns	Chad's	(Last Day to drop w/out annotation)
1-Feb	Gen Chem Chapter 3 – Compounds	KBB	
6-Feb	Ochem 3.2- 3.4 Alkyne Rxns & Organometallics, Free Radical Halogenation, Aromaticity	Chad's	
8-Feb	Gen Chem Chapter 5 – Kinematics	KBB	
11-Feb	SATURDAY: Practice Test 1	TopScore	
13-Feb	Ochem 3.5 - 4.1 Benzene Rxns and Alcohols	Chad's	

15-Feb	Biology Review	-----	
20-Feb	No class (President's Day)*	-----	
21-Feb	*TUESDAY (Monday's Schedule) Math Review	Math Destroyer	(Monday Schedule)
22-Feb	Gen Chem Chapter 10 – Acids and Bases	KBB	
27-Feb	Ochem 4.2 - 4.4 Ethers, Epoxides, Carboxylic Acid Derivatives, Diels Alder, Hydride Reduction	Chad's	
1-Mar	Math Review	Math Destroyer	
6-Mar	No Class (Spring Break)	-----	
8-Mar	No Class (Spring Break)	-----	
13-Mar	Ochem 5.1 - 5.4 Lab Techniques	Chad's	
15-Mar	Gen Chem Chapter 10 – Acids and Bases Continued	KBB	
18-Mar	SATURDAY: Practice Test 2	TopScore	
20-Mar	Ochem 4.5 - Ketones/Aldehydes Nucleophilic Addition	Chad's	
22-Mar	Gen Chem Chapter 6 – Thermochemistry	KBB	(23 March- Last day to drop with a "W")
27-Mar	Ochem 5.5 - 5.6 IR/NMR Spectroscopy	Chad's	
29-Mar	Gen Chem Chapter 11 – Electrochemistry	KBB	
3-Apr	Ochem 6.1 - 6.2 Proteins/Amino Acids, Carbohydrates	Chad's	
5-Apr	Biology Chapter 3 & 6 – Genetics and Endocrinology	KBB	
10-Apr	Ochem 6.3 Lipids, Nucleic Acids, Q&A	Chad's	
12-Apr	Gen Chem Review	-----	
17-Apr	Biology Review	-----	
19-Apr	Interview Day	-----	
22-Apr	SATURDAY: Practice Test 3	TopScore	
24-Apr	Biology Review	-----	
26-Apr	Class Vote on Material	-----	