



All students enrolled in BIO 3302 must also enroll in a workshop (BIO 3102). The grade for BIO 3102 will be determined by a combination of attendance and homework (or in class quiz) grades, and it will be worth 10% of the overall grade given for BIO 3302. The same letter grade will be assigned for both the lecture and workshop components of the course. Do not blow off the workshop- it can drop your grade in the lecture part of the course (BIO 3302) from an A to a B, or from a B to a C, etc. if you do poorly in the workshop. The same grade will be assigned for both BIO 3301 and BIO 3302. If you drop the course, you must drop both 3302 and 3102. You must enroll only in workshops 001-004 for the Burr/Srikanth lecture course (BIOL 3302.001)

There will be four exams given in BIO 3302. The exam questions will be a combination of multiple-choice plus brief essay or short-answer questions. Each of the four exams will be worth 22.5% of the final grade, therefore totaling 90%. Every exam will cover all of the material presented in class since the previous exam (lectures, handouts, and assigned reading), The remaining 10% of your grade is from the workshops- home works, quiz etc. Exams will be graded by Graduate Teaching Assistants, and the Instructor will determine in advance what key points must be included in each answer to get full credit. The Instructor checks your scores after the TA has graded the exams, and assigns letter grades.

If you have questions about the grading or your performance in an exam, please see the instructors as soon as possible. Although letter grades may be provided after each exam, these should be treated only as a reflection of your performance. The final course grade will be calculated based not on these individual letter grades, but on the total of the numeric scores of all four exams and the homeworks.

Workshops will begin on Monday, August 27, 2018.

See reverse side for schedule of lectures

TENTATIVE SCHEDULE OF LECTURES  
Bio 3302, Fall 2018

Dates	Session	Instructor	Topics	Reading
Mon, Aug 20	1	Srikanth	Introduction & Cell Structure	Chapter 1.3
Wed, Aug 22	2	Srikanth	Cell Biology Techniques	Chapter 4.1 - 4.4
Mon, Aug 27	3	Srikanth	Cell Biology Techniques	Chapter 4.1-4.4 & 6.5 (pages 264 -266)
Wed, Aug 29	4	Srikanth	Biomembrane Structure	Chapter 7
Mon, Sept 3	--	--	Labor day Holiday	
Wed, Sept 5	5	Srikanth	Biomembrane Structure	Chapter 7
Mon, Sept 10	6	Srikanth	Biomembrane Structure and Transmembrane Transport of ions and molecules	Chapters 7 and 11
Wed, Sept 12	7	Srikanth	Review	
Mon, Sept 17	8	Srikanth	EXAM 1 (Chapters 1.3, 4.1-4.4, 6.5,7, and parts of 11)	
Wed, Sept 19	9	Srikanth	Transport of ions and small molecules	Chapter 11
Mon, Sept 24 Wed, Sept 26	10, 11	Srikanth	G protein coupled Signaling	Chapters 15
Mon, Oct 1 Wed, Oct 3	12,13	Srikanth	G protein coupled Signaling Signaling pathways that control Gene Expression	Chapter 15 Chapter 16
Mon, Oct 8	14	Srikanth	Signaling pathways that control Gene Expression	Chapter 16
Wed, Oct 10	15	Srikanth	EXAM 2 (on material in sessions 9-14)	
Mon, Oct 15 Wed, Oct 17	16, 17	Burr	Moving proteins into membranes & organelles	Chapter 13
Mon, Oct 22 Wed, Oct 24 Mon, Oct 29	18, 19, 20	Burr	Vesicular traffic, secretion & endocytosis	Chapter 14
Wed, Oct 31 Mon, Nov 5	21, 22	Burr	Cytoskeleton: actin filaments in muscle cells	Chapter 17
Wed, Nov 7	23	Burr	Cytoskeleton: actin filaments in non-muscle cells (1)	Chapter 17
Mon, Nov 12	24	Burr	EXAM 3 (Chapters 13 & 14; part of Ch 17: Actin in muscle cells)	
Wed, Nov 14	25	Burr	Actin filaments in non- muscle cells (2)	Chapter 17
Nov 19-23	--	--	Fall Break	--
Mon, Nov 26	26	Burr	Regulation of actin polymerization in vitro	Chapter 17

Wed, Nov 28 Mon, Dec 3	27, 28	Burr	Microtubules; intermediate filaments	Chapter 18
Wed, Dec 5	29	Burr	EXAM 4 (Ch 17: Actin in non-muscle cells, etc; Ch 18: MT's, IF's)	

(There will be no additional exam for the course given during Finals Week.)

**Make- up EXAMS**

*These exams will be scheduled on a need only basis. If you are unwell and unable to attend the exam, please email the instructor at the earliest available opportunity. Also, please remember to bring a copy of the doctor's note on the day your make-up exam is scheduled. These exams will be scheduled to the convenience of the teaching assistants (graduate) or the instructor.*

**EXAM VIEWING OFFICE HOURS:**

*Instructors will send announcements on elearning about office hours for viewing exams after they have been graded. Please be sure to come and visit the instructor during these hours. If the allotted time is in conflict with your classes, please email instructor in advance for an alternate time. No grade changes will be made three weeks after the date of the exam.*