

Biology 845 Syllabus - Forensic Biology – Summer 2021

All chapter assignments refer to Essential Forensic Biology by Alan Gunn; 3rd Edition, Wiley.

Week 1 (5/24-5/28)– Molecular Biology, Blood, & Saliva, etc. (Bodily fluids) – Chapters 3, 4 & 5– **Timed online quiz available 5/28-30. Paper review or assignment available 5/28 due 6/4 (20 points).** Independent reading: The decay, discovery, recovery & study of human bodies – Chapters 1 & 2.

Week 2 (5/31-6/4) – Human Tissues & Wounds – Chapter 6 & 7 – **Timed online quiz 6/4-6/6.** Independent reading - Chapter 7 – Wounds.

Week 3 (6/7-6/11) – Microbes and Viruses – Chapter 13 – **Timed online quiz 6/11-6/13. Paper review or assignment available 6/11 due 6/18 (20 points).**

Week 4 (6/14-6/18)– Protists, Fungi, and Plants – Chapter 12 – **Test 1 timed online MC portion available 6/18-6/20. On-line essay portion available 6/18-6/25.**

Week 5 (6/21-6/25) – Invertebrates 1 – Chapter 8 –**Timed online quiz 6/25-6/27.**

Week 6 (6/28-7/2) –Invertebrates 2 – Chapter 9 – **Timed online quiz 7/2-7/5. Paper review or assignment available 7/2 due 7/9 (20 points).**

Week 7 (7/5-7/9) – Vertebrates & Wildlife Forensics – Chapters 10 & 11 – **Timed online quiz 7/9-7/11.**

Week 8 (7/12-7/16) – Molecular Forensics – Deeper consideration – No Reading.

Final Exam- Online MC Final Exam and on-line essay portion available 7/9-7/16. Both portions are comprehensive.

The Basics:

The Instructor: Paul G. Twigg, BHS Greenhouse, Phone: 865-8315; twiggp@unk.edu
Other phone numbers: Dept- 865-8548.

Grading: Grades will be assigned using the standard grading scale for the Department of Biology, as follows: A (93-100%), A- (90-92%), B+ (88-89%), B (83-87%), B- (80-82%), C+ (78-79%), C (73-77%), C- (70-72%), D+ (68-69%), D (63-67%), D- (60-62%), and F (below 60%).

Course Point Totals:

1 Regular Exam (120 pts)-	120 pts
1 Final Exam (200 pts)-	200 pts
6 Online quizzes (10 pts each)-	60 pts
Assignments/Paper reviews (20 pts each)-	<u>60 pts</u>
Total-	440 pts

Course Policies-

*All course assignments are to be submitted as email attachments in Microsoft Word format. Yes, I'm picky about it, and will deduct points if I have trouble opening your assignments.

*Policy on plagiarism: Anyone caught plagiarizing any exercise will receive a 0 for that exercise; subsequent violations will result in referral to the UNK Graduate Committee, Student Conduct Board, and the Vice Chancellor for Academic Affairs for dismissal from the university.

*Policy on incomplete: To be considered for an incomplete in Biology 845:

1. You must submit the reasons you cannot complete the scheduled work. This must include a copy of your class schedule and description of your responsibilities outside the classroom. This should be done in writing and include confirmation from your employer or doctor when appropriate.

2. You must specify the assignments you have missed and a schedule of plans to complete them.

3. You must submit a copy of the above information to the Chair of the Department of Biology and the Dean of Natural and Social Sciences.

4. Upon completion of items 1-3, your request for an incomplete will be considered. I expect all students to progress through the requirements for Biology 845 in a timely fashion. Unless your circumstance is quite remarkable, do not consider an incomplete.

*Tests and quizzes will not be rescheduled without valid reason.

Students with Disabilities

It is the policy of the University of Nebraska at Kearney to provide flexible and individualized reasonable accommodation to students with documented disabilities. To receive accommodation services for a disability, students must be registered with the UNK Disabilities Services for Students (DSS) office, 175 Memorial Student Affairs Building, 308-865-8214 or by email unkdso@unk.edu

UNK Statement of Diversity & Inclusion:

UNK stands in solidarity and unity with our students of color, our LatinX and international students, our LGBTQIA+ students and students from other marginalized groups in opposition to racism and prejudice in any form, wherever it may exist. It is the job of institutions of higher education, indeed their duty, to provide a haven for the safe and meaningful exchange of ideas and to support peaceful disagreement and discussion. In our classes, we strive to maintain a positive learning environment based upon open communication and mutual respect. UNK does not discriminate on the basis of race, color, national origin, age, religion, sex, gender, sexual orientation, disability or political affiliation. Respect for the diversity of our backgrounds and varied life experiences is

essential to learning from our similarities as well as our differences. The following link provides resources and other information regarding D&I:

<https://www.unk.edu/about/equity-access-diversity.php>

Students Who are Pregnant

It is the policy of the University of Nebraska at Kearney to provide flexible and individualized reasonable accommodation to students who are pregnant. To receive accommodation services due to pregnancy, students must contact Cindy Ference in Student Health, 308-865-8219. The following link provides information for students and faculty regarding pregnancy rights. <http://www.nwlc.org/resource/pregnant-and-parenting-students-rights-faqs-college-and-graduate-students>

Reporting Student Sexual Harassment, Sexual Violence or Sexual Assault

Reporting allegations of rape, domestic violence, dating violence, sexual assault, sexual harassment, and stalking enables the University to promptly provide support to the impacted student(s), and to take appropriate action to prevent a recurrence of such sexual misconduct and protect the campus community. Confidentiality will be respected to the greatest degree possible. Any student who believes she or he may be the victim of sexual misconduct is encouraged to report to one or more of the following resources:

Local Domestic Violence, Sexual Assault Advocacy Agency 308-237-2599

Campus Police (or Security) 308-865-8911

Title IX Coordinator 308-865-8655

Retaliation against the student making the report, whether by students or University employees, will not be tolerated.

If you have questions regarding the information in this email please contact **Mary Chinnock Petroski, Chief Compliance Officer** (petroskimj@unk.edu or phone 8400).

Veterans Services. UNK works diligently to support UNK's military community by providing military and veteran students and families with resources and services to help them succeed. Veterans Services assists with the GI Bill process and acts as a liaison between the student and the Veterans Administration. If you need assistance or would like more information, please contact Lori Weed Skarka at 308-865-8520 or unkveterans@unk.edu.