

**SCIENTIFIC WRITING**  
**BIOLOGY 6330.010 - FALL 2021**  
**DR. STRENGTH**

- Aug 24 - Introduction
- Aug. 26 & 31 - Manuscript reviews
- Sept. 2 - Manuscript reviews
- Sept. 7, 9 & 14 - Title preparation
- Sept. 16, 21 & 23 - Abstract preparation
- Sept. 28 & 30 - **FIRST EXAM(S)**
- Oct. 5 & 7 - Manuscript preparation
- Oct. 12 & 14 - Manuscript preparation, peer review process, determination of author sequence & Acknowledgments section
- Oct. 19 & 21 - C.V. preparation and professional interviews
- Oct. 26 & 28 - **SECOND EXAM(S)**
- Nov. 2 & 4 - Review notes  
Note preparation from a data set, etc.
- Nov. 9 & 11 - Abstract preparation for professional meetings  
Presentations: Powerpoint/Poster preparation - scanning techniques for figure preparation
- Nov. 16, 18, & 23 - Grant proposals (standard hard copy and PDF)  
For travel to a professional meeting  
For funding a research project (to include budget, literature cited, etc.)  
For the funding of a special equipment purchase
- Nov. 24, 25 & 26 - **THANKSGIVING HOLIDAYS**
- Nov. 30 - Master's Thesis  
Dean's guidelines - homepage  
Graphics
- Dec. 2 - Research (6191, 6291 & 6391) final report
- Dec. 9 (Thur.) - **FINAL EXAM (10:30-12:30)**

### **In Addition:**

Interview preparation:

Teaching position

Research position

Admission to Doctoral program

C.V. - Teaching vs. Research positions

Letters:

For advertised or announced position

Generic - Here's my qualifications - keep me on file

Letter of reference (requesting one)

Letter of reference (writing one for a colleague)

Inquiries to graduate programs

Inquiries to specific researchers

G.R.E. - importance of - and practice (study guide and CD-ROM copy)

Importance of professional memberships and meetings

Information sources:

Web sites for museums, societies, journals, meetings

Notice of professional positions

Source of funding agencies

Camera Lucida drawings and figure preparation

### **GRADING**

100% of your final average will be determined by your performance on the major exams. First exam (20%), Second exam (40%) and Final exam (40%).

### **SUPPLEMENTAL ASSIGNMENTS**

Because of the very wide interest range of individual members of the class in preparation of the supplemental course work (i.e., preparation of C.V., letters, grants, job interview, etc.), these assignments will be graded on a pass/fail basis. Failure to turn in these assignments will result in a reduction of your final average by twenty percent (two letter grades).

### **ATTENDANCE**

There are very few reasons which justify the absence of a graduate student from class. While there may be others, attendances at a professional meeting or hospitalization in a medical facility are the only ones that come to mind. All missed assignments will be completed by the student. Each unexcused absence will result in the lowering of the student's final grade by half of a letter grade. The same policy applies to those who arrive late to class. Soft drinks, juice and coffee are allowed in class - but no food.

**Information About COVID-19** - Please refer to ASU's [COVID-19 \(Coronavirus\) Updates](#)<sup>i</sup> web page for current information about campus guidelines and safety standards as they relate to the COVID-19 pandemic.

Angelo State University expects its students to maintain complete honesty and integrity in their academic pursuits. Students are responsible for understanding the Academic Honor Code, which is contained in both print and web versions of the Student Handbook. Persons with disabilities which may warrant academic accommodations must contact the Student Life Office, Room 112 University Center, in order to request such accommodations prior to any accommodations being implemented. You are encouraged to make this request early in the semester so that appropriate arrangements can be made. Students who wish to observe a religious holiday during the semester should make that intention made in writing during the first week of classes – arrangements will be made to accommodate any missed class work.

Learning Outcomes – Students are expected to acquire those writing skills related to manuscript and grant submissions, attendance and professional presentations at regional and national meetings as well as those involved in securing additional or continued training and/or suitable professional employment.

Assessment of Student Learning Outcomes – Critical Thinking (CT1), Empirical & Quantitative Skills 1 (EQS1 - data analysis) and Empirical & Quantitative Skills 2 (EQS2 - observable fact analysis) will be assessed by means of embedded test questions on the four major lecture exams. Communication Skills (CS1) and Teamwork (TW2) will be assessed by means of weekly laboratory exercises which include group activities involving collaboration, data collection & analysis, as well as communicating final results in a written format.

#### DR. STRENGTH - BIOLOGY - FALL 2021

My office is Sci. 108B

If not in office, try:

Teaching Lab Sci. 110

or

Research Lab Sci. 117

E-mail [nstreth@angelo.edu](mailto:nstreth@angelo.edu)

My office phone: 325.486.6647

When leaving a phone message, please give your full name and phone number both slowly and distinctly – give your phone number twice.

#### OFFICE HOURS

Monday - 11:00-12:00

Tuesday - 11:00-12:00

Wednesday - 11:00-12:00

Thursday - 11:00-12:00

Friday - 11:00-12:00

Other hours by appointment.

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<sup>i</sup> <https://www.angelo.edu/covid-19/>