

## **BIOL 4580(6580), Molecular Genetics**

**Spring Semester 2021, Section A (CRN# 26260, 4 Credit hours) & 6580 (CRN# 26261)**  
**Department of Biology, College of Science & Math, Valdosta State University**

**Lecture (BC 1202):**            **M & W 3:30 p.m.    4:45 p.m.**

**Laboratory (BC 2071):**    **T            9:30 a.m. - 12:20 p.m.**

**Instructor:**    Dr. Brian C. Ring  
                         Office: BC 2084

in BlazeView (BV, Sundays by 11 PM). Use the time when you are not in lecture to complete the quizzes online. These quizzes will help you prepare for exams. Please follow the schedule in BV and it is recommended you use the app to keep track of calendar dates on your phone or digital device.

**Lecture Exams (60%)** will cover material from lecture and will be based upon our discussion of the Phage Lambda Genetic Switch and various journal articles assigned in class. Exams are composed of primarily short answer or may be a combination of online multiple choice and short answer (TBD).

**Student presentations (5%)** on Molecular Genetics topics. This is 0%

## TENTATIVE LECTURE & LABORATORY OUTLINE:

Week:	Date:	Topics:	Text/ Paper:	Laboratory Topic:
1	Jan. 09 (M) Jan. 11 (W)	Course Introduction & Objectives Central Dogma & Phage Lambda	-- <b>Pg. 1-10</b>	Introduction, Safety, & Inquiry Based learning