Lecture: M-F, 11:00am - 1:35pm
Lab: M-R, 2:00pm - 4:35pm (No Friday lab due to field trip hours)
Required Field Trip to University of North Georgia ($150 additional cost): July 14-17

Instructor: Dr. Emily Cantonwine; Office: BC 2031
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There is a mid-term and final exam. The final exam is cumulative.

Lab Practical. An assessment of lab skills (those required to complete the mushroom collection project), and knowledge of vocabulary and genera from homework.

Taxonomy Homework. For each taxon assigned (HW 1-7), students will dissect the meaning of the Latin name, describe the characteristics that define the group, make note of unique field or lab observations helpful for identification, and come up with a plan to distinguish mushrooms in that group from those groups already covered. Homework is due at the beginning of lecture on the date listed in the schedule. The assignment will be returned the next lab period and discussed. For HW 8-10, students will identify of the fruiting body forms within the systematic group assigned (or taxa for a form group), and provide a list of other taxa where the unique forms are classified. *Please note: Each student is expected to complete homework assignments on their own. Copying defeats the purpose of the assignment and will result in a poor grade if suspected.

Macrofungi Collection. More information will be provided in lab on 7/10.

Topic Presentation. Each student will select a topic related to macrofungi and prepare either a 15min powerpoint presentation for class or a scientific poster. Students will also provide the instructor & fellow students with 3 possible exam questions related to the content presented. The educational quality of the questions will be part of your Topic Presentation grade. Two of the questions may be in any format, but at least 1 must require a brief written response (2-3 sentences). A selection of the questions provided will show up on the final exam.

If a student elects to do a poster, it must be done on powerpoint and be an appropriate size to be printed at the VSU print shop (Instructor can advise). There is a fee to print, and this cost is the .

The instructor must approve topics by the end of the day Monday July 14th. Topic information must be (mostly) gathered from peer-reviewed informational resource(s), i.e. primary articles, review articles, peer-reviewed books, and copies of these resources are due to the instructor at the time of presentation

General Rules

Attendance Student attendance is taken into account in the participation grade. Because the material that is covered each day equals that of a week during the regular semester, all absences, excused or unexcused, will affect the participation grade. Tardiness to class or lab will also affect participation.

Lecture Notes It is your responsibility to take notes during lecture. Students with an excused absence can see me for missed notes. Laptops are not allowed for note taking.

Access to the Lab The code to get into the lab is 268269, or botany. Students may use the lab anytime the building is open.

Food & Drink in Lecture and Lab No food or drink is allowed in the laboratory. My policy in the lecture room is more lenient. You may consume food or drink as long as their use does not cause a disturbance. A bag of chips is disturbing! Each student is responsible to clean up after him or herself.

Student Conduct I expect your full attention to be on the material during instruction. If this is not possible, then I expect you to be respectful of other students and myself by not being disruptive. See the participation grade rubric for my cell phone policy.

Academic Integrity I follow the Academic Honesty Policies and Procedures of the University.

Tentative schedule

Day	Lecture	Lecture Readings	Lab Subject	Lab Readings	Homework Due @ 11
T (July 8)	Introduction to fungi, cell biology, ecology, fruiting body forms, websites	Petersen 1-23; 34-45, 194-221	Macroscopic morphology Collecting methods, macroscopic & chemical tests.	Mushroomexpert.com - Collecting for study - Describing mushrooms and keeping a journal - Determining odor and taste - Chemical reactions	
W	Spore production & dispersal mechanisms, life cycles, microscopic features for diagnosis		HW1 discussion, Microscopy, microscopic structures	Mushroomexpert.com - Making spore prints, - Using a microscope - Identifying mushrooms	HW 1 Amanita, Agaricus, Russula, Lactarius
R	Basidiomycete classification	Petersen 102-187	HW 2 discussion, Macrofungi collection project		HW 2 Pluteus, Lepiota, Chlorophyllum
F	Basidiomycete classification continued		NO LAB		HW 3 Cortinarius, Tricholoma, Inocybe
M (July 14)	Drive to UNG		HW 3 & 4 discussion (PM)		HW 4 Marasmoid mushrooms, Mycenoid mushrooms
T	--- Evening discussions		HW 5 & field collection discussion (PM)		HW 5 Hygrocybe, Hygrophorus
W	--- Evening discussions		HW 6 & field collection discussion (PM)		HW 6 Armillaria, Gymnopilus, Pleurotus
R	Return to VSU		Return to VSU, Sample processing		No HW due
F	Ascomycete classification	Petersen 46-83, 98-99	NO LAB		HW 7 Entalominoid mushrooms, Coprinoid mushrooms

M (July 21)	**Exam 1 (July 8-18 lecture content)**; Introduction to Systematics		HW 7 discussion, Collect; sample processing & initial verification		NO HW due
T	Current Systematics	BV articles. Mushroomexpert.com	HW 8 discussion, Collect; sample processing & initial verification		HW 8