

BIOL 4100/6100 MORPHOLOGY OF LAND PLANTS SPRING SEMESTER 2014

Instructor: Dr. Carter
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Office Hours: BC 1040 (or BC 1105)
10:00 – 11:00 AM Mon, Wed, Fri
Other times by appointment



Weekly Lecture and Lab Schedule

Mon: Lec 9:00 – 9:50 PM, BC 1025
Tues: Lab 2:00 – 4:50 PM, BC 2040
Wed: Lec 9:00 – 9:50 PM, BC 1025
Fri: Lec 9:00 – 9:50 PM, BC 1025

Course description. Prerequisites: BIOL 1107 and BIOL 1108. Study of vegetative organization and reproductive cycles of bryophytes, pteridophytes and seed plants, which incorporates phylogenetic and ecological relationships. [3-3-4]

Contact hours: 150 mins lecture & 170 mins lab per week.

Credit hours: 4 sem hrs credit.

Course objectives. The student should gain an understanding of the vegetative organization, reproductive cycles, life history, and ecology of representatives of the various plant phyla, and the evolutionary origins of the plant kingdom, and the evolutionary trends, homologous variation, and phylogeny within Kingdom Plantae.

Graduate credit. Students taking the course for graduate credit (i.e., BIOL 6100), will be required to prepare and present two lectures during the regularly scheduled lecture period. Lecture topics are subject to approval of the instructor. Please be advised that this must be coordinated with your instructor well in advance.

Course materials

Required text: *Morphology of Plants and Fungi* by Bold, H.C., T.J. Alexopoulos & C. Delevoryas, 5th Ed., Harper & Row [abbreviated BAD below]. *Copies of this text will be checked out to students upon request, on a first-come first-served basis.*

Supplementary text: *Biology of Plants* by Raven, P.H., R.F. Evert & S.E. Eichhorn, 7th Ed., W. H. Freeman & Co. [abbreviated REE below].

Course Requirements and Policies

Use of BlazeVIEW as a course supplement.

BlazeVIEW will be used to make a variety of course resources and materials available, to administer certain assignments and assessments, and to post announcements and grades. Students should log onto BlazeVIEW daily in order to check for course announcements and to take course assessments. Also, the Mail tool in BlazeVIEW provides a convenient means for students to contact one another and their instructor and is the preferred means of communicating about matters relating to the course. To access BlazeVIEW, select the BlazeVIEW link under Quick Links on the left side of the Valdosta State University homepage. Students experiencing technical difficulties using BlazeVIEW should seek assistance through the VSU Information Technology Helpdesk at (c)-5(k)- T J5(az)-254(the)-255(Ma)-2(i)-5(l)- TBT1 0 0 394(td)-2(i)-5(n C

lecture. However, students should bear in mind that most work ultimately must be done individually

completed independently. Cooperation by students on tests or examinations is prohibited and constitutes cheating. Unless otherwise indicated, tests and examinations are taken strictly from memory without use of textbooks, laboratory manuals, notes, etc. Unless otherwise indicated,

Tentative Course Schedule