

Welcome to this Powerpoint
file containing a short-form version of the
course syllabus for

ENT 5361 “AQUATIC INSECTS”

to obtain a more detailed syllabus, contact me at: ferri016@umn.edu

**Two examples of Aquatic Insects
that you already recognize!**



*Cordulegaster
diastatops*

Male

(Note that specimen
has black abdomen as
in diastatops, but a
brown thorax as in
bilineata.)

Tree above small
stream feeding
into river. Near
RR tracks along
Shaver's Fork R.
Upstream of Cheat
Bridge, Randolph
County, WV.
June 2002



Course Syllabus

Course title: *Aquatic Insects*

Course designator: *Entomology*

Course number: ENT 5361

Number of credits: 4 Credits

Days/times of class: Lab followed by Lecture
Monday & Wednesday, 3:30-6:20 PM

Extra Lab time can be scheduled on request

Place of class meetings: 485 Hodson Hall

Instructor's name: Leonard C. Ferrington Jr.

Office location: 306 Hodson Hall

Office hours: Monday & Friday 8:30-10:00 AM

Telephone: (612) 624-3265

E-mail: ferri016@tc.umn.edu

Preferred method of communication with Instructor: In person,
during scheduled office hours.

Text: *An Introduction to the Aquatic Insects of North America,*
Fourth Edition

Edited by R. W. Merritt, K. W. Cummins & M. Berg

Supplementary readings

in Entomology, Fisheries & Wildlife Library,
or posted to Moodle site as electronic handouts.

Course Grading: Class attendance *(20%)*

Mid-term exam

(20% of grade, completed out of class),

10 on-line lab quizzes

(10% of grade),

10 on-line quizzes on journal readings

(can be taken multiple times, average of scores, 10% of grade)

collection of 25 taxa correctly identified to Genus

(10% of grade),

and comprehensive, take-home final exam

(30% of grade).

Class Exam

Class exam will be accessed via the internet and completed outside of class.

On-line Lab Quizzes

On-line Lab quizzes are scheduled at approximately every two weeks and consist of identification of images of insect specimens.

All on-line lab quizzes can be re-taken once as make-up quizzes.

Scores on the make-up quizzes are averaged with the initial quiz to derive the final quiz score.

Make-up quizzes are to be scheduled by appointment, however make-up quizzes must be rescheduled and taken before date of next on-line lab quiz.

Quizzes Related to Readings

On-line quizzes are scheduled weekly, starting third week of class.

Course goals, objectives, and expectations: The goal of the course is to provide the student with essential technical skills to perform research, using field and laboratory methods, on insect communities in aquatic ecosystems. It will be necessary to purchase and read the course text.

Ten reading assignments will compliment lectures and lab activities.

Each student will prepare a collection of 25 insects correctly identified to Genus.

It is expected that all reading assignments, lab activities, and course exams will be completed in a timely manner.

It will not be possible to perform at the highest level without regularly attending class lectures.

Most students will find it necessary to spend supplemental time in the lab gaining familiarity with immatures and adults of aquatic insects.

Optional field trips to collect insects will be scheduled on Saturdays at various times during the semester.