

COURSE OUTLINE  
WFS 442 Fisheries Techniques (3)

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**Course Description:** This class is designed to provide the student with practical experience in the theory and application of present-day fisheries sampling and management techniques. Field techniques emphasized in this course are those which are most commonly used by resource management agencies today and those which students may be expected to master as future employees. During some lectures and numerous field exercises, field biologists from various state and federal agencies will be present to lend their expertise.

**Primary Reference:** Murphy, B.R., and D.W. Willis, editors. 1996. *Fisheries Techniques*, 2<sup>nd</sup> edition. American Fisheries Society, Bethesda, MD.

**You will be responsible for the following chapters (or sections as indicated) in the *Fisheries Techniques* reference book: 1,3,4- 8,10,12,15-16, 17.1-17.6.**

**References:** Additional outside reading assignments will either be on reserve in the Ag-Vet Med. Library or will be provided as a handout.

1. Kohler, C.C., and W.A. Hubert, editors. 1993. *Inland Fisheries Management in North America*. American Fisheries Society, Bethesda, MD. 594 pp.
2. Bennett, G.W. 1971. *Management of Lakes and Ponds*. Van Nostrand Reinhold Company, NY. 375 pp.
3. Everhart, W.H., and W.D. Youngs. 1981. *Principles of Fishery Science*. 2nd ed. Cornell University Press, Ithaca, NY. 349 pp.

<b>Grading:</b>	Overall grading:	90% and up	A
		85-89%	B+
		80-84.9%	B
		75-79%	C+
		70-74.9%	C
		60-69%	D

Less than 60% I don't want to think about it!

**Quizzes:** Two or three quizzes will be given (worth 50 points each). Quizzes will cover information given during lecture and field trips, assigned readings in the text, guest speakers, and exercises. More information about the quizzes will be given during class sessions.

Make-up quizzes will only be given in exceptional circumstances and only after the reason is verified.

**Fisheries Article Review:** Each student will be required to write a summary of two articles from a selected group of articles.

**Exercises/Activities:** Four exercises will be completed during class sessions. Students are required to turn in the exercises for grading. No points will be awarded for an exercise that does not show your work. Students will have the opportunity to work individually or as part of a team. Team members will receive the same grade if one paper is turned in for all students.

**Videos:** Three videos will be put on reserve in the Ag-Vet library for students to view. Each video will have corresponding questions to be answered and turned in (worth a total of 35 points). Class time will be allotted for students to view the videos. Each student is required to turn in a set of answers.

**Attendance:** Students are required to attend all classes and actively participate in classroom discussions and field exercises. Your attendance for lectures and field trips comprises more than half your grade in this class.

**Make-up Policy:** Due to the nature of the course, it is impossible to make-up some of the lectures and field activities. If you miss a lecture or activity, your opportunity to make-up the work will be evaluated on a case-by-case basis. Any make-up work you are permitted to do will only be worth a maximum value of one-half the point value of the original assignment.

**Honesty Policy:** That each student has a high degree of integrity and honesty is held basic and because cheating will not help the student but instead will produce an individual of which the student, classmates, professors and future employers are not proud, none is expected. However, should cheating be discovered during testing, the student's examination paper will be taken and he/she will receive a grade of "0".