

**APPLIED SCIENCE AND MANAGEMENT DIVISION**  
**Fisheries Management**  
**3 Credit Course**  
**Fall, 2014**

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**FISHERIES MANAGEMENT**

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<b>INSTRUCTOR:</b> Darrell Otto	<b>OFFICE HOURS:</b> Tues. & Thurs. 1030-1430h
<b>OFFICE LOCATION:</b> T126C	<b>CLASSROOM:</b> Lecture: T1083 Lab: A2402
<b>E-MAIL:</b> dotto@yukoncollege.yk.ca	<b>TIME:</b> Lectures: Tues/Thurs 1030-1200h. Lab Session: Fri.1300-1600h
<b>TELEPHONE:</b> 867-668-8868	<b>DATES:</b> September 4 – December 19, 2014

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**COURSE DESCRIPTION**

Fisheries include a wide range of aquatic and marine resources including invertebrates, seaweed, fish and marine mammals. Management of these resources requires specific knowledge of the resources themselves, their respective habitats and the methodologies of incorporating societal values and controlling human use and impacts. This course serves as an introduction to these topics with strong emphasis on applicability to the management of finfish in northwest Canada.

**PREREQUISITES**

Prerequisite: Admission to second-year of the Renewable Resource Management Program, RRMT 121, RRMT 125 and NOST 201 - or permission of the instructor.

**EQUIVALENCY/TRANSFERABILITY**

UNBC Yuko RRMT 223 & Yuko RRMT 237 = Nrem 204 (3) B- or better

**LEARNING OUTCOMES**

On successful completion of this course a student will:

- Understand the basic biological principles that form the foundation of fisheries management.
- Know the principal habitat characteristics of marine and fresh waters and methods for the conservation, protection and enhancement of them.
- Know the basic methodologies used to manage fisheries.
- Have the basic skills required to collect relevant data, to analyze problems and to implement effective management solutions.

## DELIVERY METHODS

Material will be presented in lectures, readings, discussions, case studies and practical assignments.

The lab component of the course will include activities designed to enhance biological knowledge and data gathering skills, it will also include visits to fish culture facilities, and presentations and discussions with fisheries managers.

## COURSE REQUIREMENTS

### Attendance:

Attendance at all activities is mandatory. Unexcused absences from more than 10% of activities may result in course withdrawal at the instructor's discretion.

The laboratory component of the course is **mandatory**. Attendance and participation at laboratory sessions is required. Passing the lab component is necessary to receive credit for the course. **You cannot pass the course if you are absent from more than 10% of lab activities. This is effectively two (2) laboratory sessions.**

## EVALUATION

There will be a 1.5 hour mid-term exam and a 3 hour final exam at the end of term.

A term paper with a recommended minimum 2,500 words will be due by midnight on November 13, 2014. Topics will be of the student's choice, but must be relevant to the course, and **pre-approved by the instructor.**

Lab activities will be evaluated on written reports and a final exam. **A pass in the lab evaluations will be required to pass the course.**

### Marks Allocation:

Mid-term exam:	15%
Term paper:	20%
Final exam:	30%
Lab reports:	20%
Lab final exam	<u>15%</u>
Total:	100%

**SUGGESTED TEXT:**

Ross, M.R. Fisheries Conservation and Management. 1997. Prentice Hall Publ. New Jersey. USA.

Other required readings will be made available.

**PLAGIARISM**

Plagiarism is a serious academic offence. Plagiarism occurs when students present the words of someone else as their own. Plagiarism can be the deliberate use of a whole piece of another person's writing, but more frequently it occurs when students fail to acknowledge and document sources from which they have taken material. Whenever the words, research or ideas of others are directly quoted or paraphrased, they must be documented according to an accepted manuscript style (e.g., APA, CSE, MLA, etc.). Resubmitting a paper which has previously received credit is also considered plagiarism. Students who plagiarize material for assignments will receive a mark of zero (F) on the assignment and may fail the course. Plagiarism may also result in dismissal from a program of study or the College.

**ACADEMIC ACCOMMODATION**

Reasonable accommodations are available for students requiring an academic accommodation to fully participate in this class. These accommodations are available for students with a documented disability, chronic condition or any other grounds specified in section 8.0 of the Yukon College Academic Regulations (available on the Yukon College website). It is the student's responsibility to seek these accommodations. If a student requires an academic accommodation, he/she should contact the Learning Assistance Centre (LAC) at (867) 668-8785 or [lassist@yukoncollege.yk.ca](mailto:lassist@yukoncollege.yk.ca).