

APPLIED SCIENCE AND MANAGEMENT DIVISION

RRMT 237

Fisheries Management

3 Credits

Fall, 2020



## COURSE OUTLINE

### **RRMT 237 FISHERIES MANAGEMENT**

(3)

PREPARED BY: Darrell Otto, Instructor

DATE: September 4, 2020

APPROVED BY: Dr. Joel Cubley, Chair, School of Science

DATE: October 2, 2020

APPROVED BY SENATE: Click or tap to enter a date

RENEWED BY SENATE: Click or tap to enter a date

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## FISHERIES MANAGEMENT

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**Instructor:** Darrell Otto **Office** A2303

**Lectures:** Mon/Wed. 1030-1155h. Room A2603

**Lab Session:** Tues. 1300-1555h, Room A2801

**Telephone:** 668-8868 **email** [dotto@yukonu.ca](mailto:dotto@yukonu.ca)

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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.

### **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.

### **COURSE FORMAT:**

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

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\*The lab component of the course will include activities designed to enhance biological knowledge and data gathering skills, and presentations and discussions with fisheries managers.

\*Please note that most years we include visits to fish culture facilities as part of our laboratory investigations, but due to the Covid-19 situation this may not be possible in 2020.

**PREREQUISITES:**

Prerequisite: RRMT 125 and one of RRMT 121 or BIOL 101 or permission of the instructor.

**COURSE TRANSFER UNBC:**

YUKO RRMT 223 & YUKO RRMT 237 = UNBC NREM 204 (3) Must have B- or better to receive credit.

**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. Effectively this is two (2) laboratory sessions.**

**EVALUATION:**

There will be an 80-minute mid-term exam held during normal lecture time on October 19, 2020, and a 3-hour final exam at the end of term on December 11, 2020 @1300h.

A term paper with a recommended minimum 2,500-3,000 words will be due by midnight on November 18, 2020. Topics will be of the student's choice, but must be relevant to the course, and **pre-approved by the instructor**. It is highly

recommended that you submit a one paragraph outline of your intended subject by October 14, 2020.

Lab activities will be evaluated on written reports (25%) and a final lab exam (15%). Remember that this is a two-component course that includes both a lecture and laboratory series. **A pass in the laboratory evaluations will be required to pass the course.**

**Marks Allocation:**

Mid-term exam:	15%
Term paper:	20%
Final exam:	25%
Lab reports:	25%
Lab final exam	<u>15%</u>
<b>Total:</b>	<b>100</b>

**SUGGESTED TEXT:**

There is no mandatory textbook for this course. Detailed notes and readings will be provided.

**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@yukonu.ca](mailto:lassist@yukonu.ca).

### **YUKON FIRST NATIONS CORE COMPETENCY**

Yukon University recognizes that a greater understanding and awareness of Yukon First Nations history, culture and journey towards self-determination will help to build positive relationships among all Yukon citizens. As a result, to graduate from ANY Yukon University program, you will be required to achieve core competency in knowledge of Yukon First Nations. For details, please see [www.yukonu.ca/yfnccr](http://www.yukonu.ca/yfnccr).

### **ACADEMIC AND STUDENT CONDUCT**

Information on academic standing and student rights and responsibilities can be found in the current Academic Regulations that are posted on the Student Services/ Admissions & Registration web page.