

**Department of Geography  
Course Outline**

**Geography 228 - Introduction to Remote Sensing  
Fall 2018**

**Instructor**

(requiring a written report from a medical practitioner stating your inability to attend class) or extreme personal crises. Only the course instructor can grant exceptions. Please do not try to negotiate exceptions with your TA.

All of the labs will be found on **CourseSpaces**

## **Grading**

The grade breakdown for the course is as follows:

**Section A: Exams: There will be 3 Midterm examinations spaced throughout the term. There will be no final exam.**

**1 - 15%**

**2 - 20%**

**3 - 15%**

**Section B: Lab Assignments: 45%**

## **Course materials**

All course materials (with the exception of the Textbook) will be available on CourseSpaces

## ***Tentative Lecture Schedule (subject to change)***

### ***September***

Week 1 (September 3)

5: Intro Class

Week 2 (September 10)

10: Introduction to Remote Sensing

12: API - Aerial Photography

Week 3 (September 17)

17: Aerial Photography

19: Film/filters

Week 4 (September 24)

24: Statistics commonly used in Remote Sensing

26: Remote Sensing Systems

### ***October***

Week 5 (October 1)

1: Electromagnetic Spectrum

3: **Quiz 1 (in class)** (responsible up to the end of Week 4)

Week 6 (October 8)

10: Image Preprocessing 1

Week 7 (October 15)

15: Image Preprocessing 2

17: Image Preprocessing 3

Week 8 (October 22)

22: **Quiz 2 (in class)** (Responsible for up to the end of Week 7)

24: Image Enhancements 1

Week 9 (October 29)

29: Image Enhancements 2

31: Image Enhancements 3

### ***November***

Week 10 (November 5)

5: Image Classification 1

7: Image Classification 2

Week 11 (November 12)

**Reading Break**

Week 12 (November 19)

19: Image Classification 3

22: Examples of emerging remote sensing technologies 1

Week 13 (November 26)

26: Examples of emerging remote sensing technologies 2

29: **Open**

***December***

Week 14 (December 3)

3: **Quiz 3 (in class)**