



INSTRUCTOR: Dr. Randy Scharien
OFFICE: David Turpin Building B122
OFFICE HOURS: Wednesday 12:20-14:20 or by appointment
E-MAIL: randy@uvic.ca

LECTURE TIMES: Monday and Wednesday 14:30-15:20 DTB A102

SENIOR LAB INSTRUCTOR:

Terri Evans (tevens@uvic.ca)

TEACHING ASSISTANT: Aikaterini Tavri (atavri@uvic.ca)

LAB SECTION/HOURS:

B01	Tuesday	08:30 – 10:20
B02	Tuesday	12:30 – 14:20
B03	Wednesday	12:30 – 14:20
B04	Thursday	14:30 – 16:20

David Turpin Building A253

COURSE OBJECTIVE: To provide students with a conceptual and practical introduction to Remote Sensing (RS).

COURSE TEXTS (OPTIONAL):

Introductory Digital Image Processing. A Remote Sensing Perspective. 4th Edition. John R. Jensen.

Computer Processing of Remotely-Sensed Images. 4th Edition. Paul M. Mather (available online: <http://voyager.library.uvic.ca/vwebv/holdingsInfo?bibId=3122540>)

GRADING SYSTEM

As per the Academic Calendar:

Grade	Grade point value	Grade scale	Description
A+	9	90-100%	Exceptional, outstanding and excellent performance. Normally achieved by a minority of students. These grades indicate a student who is self-initiating, exceeds expectation and has an insightful grasp of the subject matter.
A	8	85-89%	
A-	7	80-84%	

WEEKLY CALENDAR

WEEK	DATE	Lecture	Lab
1	06 Sep - 08 Sep	Introduction. Aerial Photos.	No labs.
2	11 Sep - 15 Sep	Aerial Photos.	Lab 1 - Digital Aerial Photo Interpretation.
3	18 Sep - 22 Sep	Remote Sensing Process (Image properties).	Lab 1 continued.
4	25 Sep - 29 Sep	Remote Sensing Process (Radiation).	Lab 2 - Software and Imagery.
5	02 Oct - 06 Oct	Radiation and Radiometric Normalization.	Lab 3 - Radiometric/Atmospheric Correction
6	09 Oct - 13 Oct	Thanksgiving Day (09 Oct.). Radiation and Radiometric Normalization (cont.).	No labs this week.
7	16 Oct - 20 Oct	Geometric Correction. Mid Term Exam (18 Oct.)	Lab 4 - Geometric Correction.
8	23 Oct - 27 Oct	Image Enhancement.	Lab 5 - Image Enhancements.
9	30 Oct - 03 Nov	Image Enhancement (cont.). Image Classification	Lab 6 - Image Classification.
10	06 Nov - 10 Nov	Image Classification (cont.).	Lab 6 - Image Classification (cont.).
11	13 Nov - 17 Nov	Reading Week - No Lectures.	Reading Week - No Labs.
12	20 Nov - 24 Nov	Accuracy Assessment. Guest (TBD).	Lab Exam Information.
13	27 Nov - 01 Dec	Future of Remote Sensing. Course Review.	Lab Exam.

The University of Victoria is committed to promoting, providing and protecting a positive and safe learning and working environment for all its members.