



DTB B122

The objective of this course will be to provide students with a conceptual and practical introduction to Remote Sensing (RS). We will explore air photos, remote sensing image processing and data formats in a digital environment, radiometric and geometric processing of satellite images, image enhancements, and image classification.

None. For laboratory assignments you will be expected to make additional use of remote sensing texts, journal articles, other material in the university libraries, & web-based information to support your work.

1. Introductory Digital Image Processing. A Remote Sensing Perspective. 4th Edition. John R. Jensen.
 2. Computer Processing of Remotely-Sensed Images. 4th Edition. Paul M. Mather (available online: <http://voyager.library.uvic.ca/vwebv/holdingsInfo?bibId=3122540>)
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Theoretical: foundations of remote sensing. Technical: state-of-the-art software, image processing, and information extraction procedures. Practical: remote sensing and geospatial data analysis skills, remote sensing as a science and resource management tool, technical writing, knowledge communication.

Midterm Exam (Component A)	25%
Final Exam (Component A)	35%
Lab Assignments and Exam (Component B)	40%

Late lab assignments are subject to significant penalties:

All lab assignments must be submitted to be allowed to sit the final examination. Failure to submit a lab assignment will result in a failing grade of incomplete (N). Exceptions will only be granted for medical reasons (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 the TA.

It is every student's responsibility to be aware of the university's policies on academic integrity, including policies on , , , and

: web.uvic.ca/calendar2019-09/undergrad/info/regulations/academic-integrity.html

If you have any questions or doubts, talk to me, your course instructor. For more information, see uvic.ca/learningandteaching/cac/index.php.

The instructor reserves the right to use plagiarism detection software programs to detect plagiarism in written assignments.

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a documented

Email: svpcoordinator@uvic.ca

Web: uvic.ca/svp

I value your feedback on this course. Towards the end of term, as in all other courses at UVic, you will have the opportunity to complete an anonymous survey regarding your learning experience (CES). The survey is vital to providing feedback to me regarding the course and my teaching, as well as to help the department improve the overall program for students in the future. The survey is accessed via MyPage and can be done on your laptop, tablet, or mobile device. I will remind you and provide you with more information nearer the time but please be thinking about this important activity during the course.

Health Services -

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Elders' Voices -
