

ASEN 5210 Remote Sensing Seminar

Fall 2018

Instructor: Professor Y. Jade Morton

Office: ECNT 414
Tel: (303) 492-8630
Email: Jade.Morton@Colorado.Edu
Class Time: F 15:00-15:50PM
Class Room Location: ECCR 150
Instructor Office hours: F 16:00–17:00PM

Overview: This seminar course covers subjects pertinent to remote sensing of the Earth, including oceanography, meteorology, space weather, vegetation monitoring, and geology. Emphasizes techniques for extracting geophysical information from ground-based observations and satellite data. Formerly ASEN 6210.

Prerequisites & Eligibility: Restricted to College of Engineering (ENGR) graduate students or Aerospace Engineering Concurrent Degree (C-ASEN) majors only.

Course Structure: This course consists of weekly seminars presented by faculty and researchers. The speakers will provide reading materials such as a journal publication, conference paper, magazine article, etc. to introduce the students to the subject area. The presentation will be between 30 and 45 minutes, followed by questions and answers and discussions. One or two student(s) will be assigned to take attendance, lead the discussions, and take notes of the questions and discussions at each seminar.

Seminar Schedule: The table below shows the tentative schedule of the course.

Date	Speaker	Affiliation	Topics
08/31	Jade Morton	CU AES	Course overview, format, expectations
09/07	Michael Deluca	CU AES	Meteor ablation
09/14	Chris Rocken	GPS Solutions	GNSS remote sensing of atmosphere & ionosphere
09/21	Eric Sutton	CU SWxTREK	TBD
09/28	Xinzhao Chu	CU AES	McMurdo Lidar
10/05	Lakshmi Kantha	CU AES	Clash of the Titans, Boeing and Airbus: why they build what they build
10/12			

