ASEN 5210 Remote Sensing Seminar

Fall 2018
Instructor: Professor Y. Jade Morton

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

	Speaker	Affiliation	Topics
	Jade Morton	CU AES	Course overview, format, expectations
	Michael Deluca	CU AES	Meteor ablation
	Chris Rocken	GPS Solutions	GNSS remote sensing of atmosphere & ionosphere

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