

ASEN 5245: Radars and Remote Sensing, Spring 2022

Class Lectures: Tuesdays and Thursdays 2.30pm-3.45pm AERO N250 and online
Tuesday zoom link: TBA
Thursday zoom link: TBA

Office hours: Wednesday 5pm-6.00pm, zoom link: TBA
Thursday 4pm-5pm, zoom link: TBA
And by appointment, in person N440B or zoom (link TBA)

Webpage: <https://canvas.colorado.edu>

Instructor: Sebastijan Mrak sebastijan.mrak@colorado.edu

Course outline:

This course will introduce radar systems from a combined theoretical and applied perspective.

you don't have a background in one of these areas, you should expect to spend some extra time on the specific material

There are many resources, including the library, at your disposal. If you have questions regarding your preparation for the class, you should contact the instructor. Additionally, because radar is a broad topic, it is not unexpected that students may need to do some additional work in specific topical areas to provide a firm base in the fundamentals.

Textbook:

Class notes, slides, and my notes cover all the necessary materials you need to succeed in this class. In addition to these notes, a free online book, *Principles of Modern Radar, Volume I - Basic Principles* by Richards, Scheer and Holm is available via www.knovel.com. You can access it for free using your UCB VPN. To get VPN on your computer, see <https://oit.colorado.edu/>

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Course grading

60% Quizzes: I will prepare 68 quizzes posted on canvas every 2 weeks

University Policies for Spring 2022

revealing the person's identity. This will give a heads up to everyone in order to facilitate self-testing and, if necessary, self-isolation.

Accommodation for Disabilities

If you qualify for accommodations because of a disability, please submit your accommodation letter from Disability Services to your faculty member in a timely manner so that your needs can be addressed. Disability Services determines accommodations based on documented disabilities in the academic environment. Information on requesting accommodations is located on the [Disability Services website](#). Contact Disability Services at 303-432-8671 or dsinfo@colorado.edu for further assistance. If you have a temporary medical condition, see [Temporary Medical Conditions](#) on the Disability Services website.

Preferred Student Names and Pronouns

CU Boulder recognizes that students' legal information doesn't always align with how(w)2 S4 (s

