







website: [www.knovel.com](http://www.knovel.com) and search for 'Principles of Modern Radar'. You will see three volumes of this text. We will use volume 1. You can use the book online, or download individual chapters.

Depending on your specific background, you may wish to draw from other supplementary material to provide more clarity or depth to a topic. One complication of supplying supplemental material is that the notation may change; feel free to reach out if you have a question regarding the changes in notation used in different books. Many books on radar fundamentals are available through the Engineering Library and through

**Course Grading**

## 40% Quizzes\*

Seven (7) quizzes will be given during the semester, approximately 1 quiz every 2-3 weeks. The six (6) highest quiz scores will be used to determine your grade. The dropping of one quiz score is to provide built in flexibility for accommodations during the semester.

## 20% Homework

Homework will be assigned every other week. Each student needs to submit the homework assignments individually. Homework will be graded for completeness only; solutions for all homework problems will be posted online with a 14-day delay. The homework will prepare PhD students for the preliminary exam. We can discuss any homework problems during office hours. All homework assignments will be penalized 10% for each day late. Each student is permitted to twice submit a homework assignment up to 3 days late with No Questions Asked.

## 40% Final Paper

Individual projects about one radar topic or application. Students will prepare a final report in a form of an IEEE conference/letters paper (4 pages). Project instructions and template will be provided in detail separately on Canvas.

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100% Total

*\*Quizzes will be open book, open note, but time limited. You will have several days to start a quiz, but you will have a finite amount of time to complete it.* -

## University &

***Preferred Student Names and Pronouns***

CU Boulder recognizes that students' legal information doesn't always align with how they identify. Students may update their preferred names and pronouns via the student portal; those preferred names and pronouns are listed on instructors' class rosters. In the absence of such updates, the name that appears on the class roster is the student's legal name.

***Honor Code***

All students enrolled in a University of Colorado Boulder course are responsible for knowing and adhering to the [Honor Code](#). Violations of the Honor Code may include but are not limited to: plagiarism (including use of paper writing services or technology [such as essay bots]), cheating, fabrication, lying, bribery, threat, unauthorized access to academic materials, clicker fraud, submitting the same or similar work in more than one course without permission from all course instructors involved, and aiding academic dishonesty.

All incidents of academic misconduct will be reported to Student Conduct & Conflict Resolution: [honor@colorado.edu](mailto:honor@colorado.edu), 303-492-5550. Students found responsible for violating the [Honor Code](#) will be assigned resolution outcomes from the Student Conduct & Conflict Resolution as well as be subject to academic sanctions from the faculty member. Visit [Honor Code](#) for more information on the academic integrity policy.

***Sexual Misconduct, Discrimination, Harassment and/or Related Retaliation***

CU Boulder is committed to fostering an inclusive and welcoming learning, working, and living environment. University policy prohibits [protected-class](#) discrimination and harassment, sexual misconduct (harassment, exploitation, and assault), intimate partner violence (dating or domestic violence), stalking, and related retaliation by or against members of our community on- and off-campus. These behaviors harm individuals and our community. The Office of Institutional Equity and Compliance (OIEC) addresses these concerns, and individuals who have been subjected to misconduct can contact OIEC at 303-492-2127 or email [cureport@colorado.edu](mailto:cureport@colorado.edu). Information about university policies, [reporting options](#), and [support resources](#) can be found on the [OIEC website](#).

Please know that faculty and graduate instructors must inform OIEC when they are made aware of incidents related to these policies regardless of when or where something occurred. This is to ensure that individuals impacted receive outreach from OIEC about resolution options and support resources. To learn more about reporting and support for a variety of concerns, visit the [Don't Ignore It page](#).

***Religious Accommodations***

Campus policy requires faculty to provide reasonable accommodations for students who, because of religious obligations, have conflicts with scheduled exams, assignments or required attendance. Please communicate the need for a religious accommodation in a timely manner. In this class, please let the instructor know of any religious observances that interfere with due dates

posted in this syllabus on or before the end of January, which is before the first quiz is due in Canvas so that the instructor can plan to schedule quizzes appropriately.

See the [campus policy regarding religious observances](#) for full details.

### ***Mental Health and Wellness***

The University of Colorado Boulder is committed to the well-being of all students. If you are struggling with personal stressors, mental health or substance use concerns that are impacting academic or daily life, please contact [Counseling and Psychiatric Services \(CAPS\)](#) located in C4C or call (303) 492-2277, 24/7.

Free and unlimited telehealth is also available through [Academic Live Care](#). The Academic Live Care site also provides information about additional wellness services on campus that are available to students.