

# Mathematics 667, MWF 9:00, Engr E 103

**Lecturer:** Alexander Hulpke, Weber 206B

**Office Hours:** TBA

**Email:** [hulpke@colostate.edu](mailto:hulpke@colostate.edu)

**WWW:** <http://www.math.colostate.edu/~hulpke/lectures/m667>

**Unable to attend policy:** Send me an email if you are quarantined or ill and need accommodation. Should I become quarantined, I will email to the class list in ARIES (and most likely will post material on the course web page).

## Grades

will be based on homework and course participation. I will consider 80% of the homework as full credit.

## Prerequisites:

In general, you should have taken M566 and 567 (or an equivalent).

## Textbook:

You are not required to have any particular textbook. Some books (each of them nice or flawed in their own way) which I will use are:

- Mateusz Michalek and Bernd Sturmfels, *Invitation to Nonlinear Algebra*, AMS, 2021, ISBN-10: 1-4704-5367-3
- Miles Reid, *Undergraduate Algebraic Geometry*, LMS Student Text 29, Cambridge UP, 1995, ISBN 0521356628
- G. Kemper, *A Course in Commutative Algebra*, Springer GTM 256. Available for free from on the Campus network.
- R. Sharp, *Steps in Commutative Algebra*, LMS Student Text 51, CUP
- Atiyah, Macdonald: *Introduction to Commutative Algebra*, Westview Press.
- Greuel, Pfister: *A Singular Introduction to Commutative Algebra*, Springer

## Academic Integrity

This course will adhere to the CSU Academic Integrity Policy as found on the Student' Responsibilities page of the CSU General Catalog and in the Student Conduct Code.

At a minimum, violations will result in a grading penalty in this course and a report to the Office of Student Resolution Center.

## **Disabilities**

If you are a student who will need accommodations in this class due to a disability or chronic health condition, please provide me the SDC (Student Disability Center) accommodation letter. If you do not already have these accommodation letters please contact the SDC as soon as possible to initiate the process of setting up accommodations. The SDC is located on the room 121 of the TILT building. You can reach them by phone at 970-491-6385 or visit [www.disabilitycenter.colostate.edu](http://www.disabilitycenter.colostate.edu).

## **Copyright statement**

Please do not share material from this course in online, print, or other media. Course material is the property of the instructor who developed the course. Materials authored by third parties and used in the course are also subject to copyright protections. Posting course materials on external sites (commercial or not) violates both copyright law and the CSU Student Conduct Code. Students who share course content without the instructor's express permission, including with online sites that post materials to sell to other students or that provide help or tutoring, could face appropriate disciplinary or legal action.

I wish you success with this course and all the best for the coming semester.

## **Required Text**

Important information for students:

Masks are required inside university buildings. You must also meet university vaccine or exemption requirements.

All students are expected and required to report to the COVID Reporter (<https://covid.colostate.edu/reporter/>) when:

You suspect you have symptoms of COVID, regardless of whether or not you are vaccinated and even if your symptoms are mild You have tested positive for COVID through a non-CSU testing site, such as home test or test at a pharmacy You believe you may have been exposed to COVID go to the COVID Reporter and follow the guidance under "I believe I have been in close contact with someone who has COVID-19." This guidance will depend upon your individual circumstances

You will not be penalized in any way for reporting symptoms or concerns.

Do not ask me as your instructor to report for you. It is your responsibility to report through the COVID Reporter promptly.

As your instructor I may not ask you about vaccination status or if you have COVID but you may freely volunteer to send me information from a public health official if you have been asked to isolate or quarantine.

When you complete the COVID Reporter, the CSU Public Health office is notified. Once notified, that office will contact you and, depending upon each situation, will conduct contact tracing, initiate any necessary public health requirements and notify you if you need to take any steps.

If you do not have internet access to fill out the online COVID-19 Reporter, please call (970) 491-4600.

For the latest information about the University's COVID resources and information, including FAQs about the spring semester, please visit the CSU COVID-19 site <https://covid.colostate.edu/>.