

Advanced Cartography Syllabus-Spring 2023

Please familiarize yourself with the syllabus and feel free to ask questions about anything related to the course.

Rutgers Canvas email will be used to communicate with students. It is your responsibility to check your Rutgers email to ensure that you do not miss important information.

Note: you can change which email address is used by Rutgers on the [Net ID management page](#) [Links to an external site.](#) (look for [Manage Net ID Password](#) [Links to an external site.](#) on the right side).

Students are expected to attend all classes; if you expect to miss a class, please use the [University absence reporting website](#) [Links to an external site.](#) <https://sims.rutgers.edu/ssra/> [Links to an external site.](#) to indicate the date and reason for your absence (“other” is a choice).

You will receive a confirmation email and an email is automatically sent to inform the instructor.

Course meets: Tuesday/Friday, 12:15-1:30

Instructor: Michael Siegel | **Office Hours:** after class and by arrangement.

Please email through Canvas if possible, if not use misiegel@rutgers.edu

Basis for Course Grade

Your grade for this course will be based on attendance, in-class assignments (graded on a Pass/No Credit basis), and four more challenging thematic mapping projects (graded with letter grades).

- 20% (attendance, webpage, and in-class assignments)
- 20% project 1
- 20% project 2
- 20% project 3
- 20% project 4

Course Description and Learning Objectives

Advanced Cartography builds on the foundation knowledge and skills learned in Principles of Cartography. In addition to gaining additional experience with the principles of effective map design, we will be exploring color, which is a complex topic and a potentially powerful map design technique when used effectively. Although the emphasis will be on designing maps for printing, additional exploration will include an introduction to putting material online, and looking at how animation can be used to communicate geographic information.

- Understand and implement effective color symbolization in a complex map design.
- Explore design strategies to achieve good contrast, figure/ ground relationships, and color harmony.
- Better understand how people perceive color symbolization on maps.
- Gain more experience with a map production, from initial time estimate through compilation, design, and map duplication.

Important Dates

- The first class meeting will be on Tuesday, 1/17/2023 at 12:15 pm.
- New Brunswick Academic
Calendar: <https://nbregistrar.rutgers.edu/undergrad/calendar.htm> [Links to an external site.](#)
- Registrar's Important Dates
webpage: <https://nbregistrar.rutgers.edu/undergrad/f21ugcal.htm> [Links to an external site.](#)
- The [Production Schedule](#) has the deadlines for each project.

Backing up each version of your cartography project

- **It is essential that you have all your versions of a project backed up in at least two locations**, one "local" (e.g. on your computer's hard drive), and one in the cloud. Hard drives fail and you do not want to lose a week or more of work and have to start over.
- Rutgers has site licenses with Microsoft, Google, and Box that are available to you. This means you have access to unlimited storage space in your Rutgers' Microsoft OneDrive account, Scarlet Drive (Rutgers Google Drive), and Box.Rutgers.edu.

- Another easy backup strategy is to attach a copy of your Illustrator file in an email to yourself.

Additional Course Guidelines

Critiquing map design is an important skill to develop. Please be respectful and thoughtful when critiquing the work of other students (or your instructor). Critiquing is meant to be constructive and helpful, not negative sounding criticism.

If you do well in the two cartography courses, you may want to ask your instructor for a recommendation for an internship, Graduate School, or a job. Recommendation forms often ask about a candidate's ability to communicate verbally and in writing, and how well they work with others. Class discussions and the critiques you will be asked to write are good opportunities to give your instructor some positive experiences to share in a recommendation.

Academic Integrity

The consequences of scholastic dishonesty are very serious. Students are expected to understand and to act in accordance with the Rutgers Academic Integrity Policy. Please review the [Rutgers' academic integrity policy Links to an external site.](#)

Violations include: cheating, fabrication, plagiarism, denying others access to information or material, having someone else complete your course work, and facilitating violations of academic integrity by others. Resources for

Students: <http://nbacademicintegrity.rutgers.edu/home-2/for-students/Links to an external site.>

Other sources of information to which you can refer include:

- [Rutgers New Brunswick Academic Integrity websiteLinks to an external site.](#)
- [Code of Student ConductLinks to an external site.](#)
- [Eight Cardinal Rules of Academic IntegrityLinks to an external site.](#)

Accessibility Statement

Rutgers University welcomes students with disabilities into all of the University's educational programs. In order to receive consideration for reasonable accommodations, a student with a disability must contact the appropriate disability services office at the campus where you are officially enrolled, participate in an intake interview, and provide documentation: [see documentation guidelines Links to an external site.](#) If the documentation supports your request for reasonable accommodations, your campus's disability services office will provide you with a Letter of Accommodations. Please share this letter with your instructors and discuss the accommodations with them as early in your courses as possible. To begin this process, please complete the [Registration form on the ODS web site Links to an external site.](#)

For more contact information, see the [Support Services](#) page.

[Student Support Resources Links to an external site.](#)

- [Counseling, Alcohol and Other Drug Assistance Program & Psychiatric Services \(CAPS\) now includes Counseling Services, Alcohol and Other Drug Assistance Program \(ADAP\) and Psychiatric Services. Links to an external site.](#)

- Violence Prevention & Victim Assistance (VPVA)

(848) 932-1181 / 3 Bartlett Street, New Brunswick, NJ 08901 / www.vpva.rutgers.edu/ [Links to an external site.](#)

The Office for Violence Prevention and Victim Assistance provides confidential crisis intervention, counseling and advocacy for victims of sexual and relationship violence and stalking to students, staff and faculty. To reach staff during office hours when the university is open or to reach an advocate after hours, call 848-932-1181.

- **Bias Incident Reporting and Support (DICE)**

- **Disability Services**

(848) 445-6800 / Lucy Stone Hall, Suite A145, Livingston Campus, 54 Joyce Kilmer Avenue, Piscataway, NJ 08854 / <https://ods.rutgers.edu/>