

Principles of Cartography (450:355)

Instructor: Michael Siegel, Staff Cartographer, Rutgers Geography Department

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Office Hours: Tuesday/Friday, 1:20-2:20

Optional Textbook: *Principles of Map Design* by Judith A. Tyner (2014, paperback)

Course Prerequisites: A strong familiarity with desktop computing.

If you have little or no experience with using a PC, you will not be able to satisfactorily complete the coursework.

Class meets: Tuesday/Friday 12-1:20 in Lucy Stone Hall, B266.

Attendance is required, so please use the student self-reporting website if you have to miss class.

<https://sims.rutgers.edu/ssra/>

- If you do not submit an absence report, you are not eligible to ask for help with missed material, or to submit missed cartography assignments, which means an incomplete for that assignment. Assignments that are not completed will result in your final grade being lowered.
- The absence report should be submitted before the class you do not attend if possible, but should be submitted ASP after the class you miss.
- The report will alert me to speak with you about missed work to prevent you from falling behind.

Your registered Rutgers email address (either your RU issued email address or the one you select through netid manager) will be used for communication related to this course. To manage your Rutgers netid, go to netid.rutgers.edu ([Links to an external site.](#)), then click Manage Email Addresses.

Using your cell phone in anyway is not allowed during class. If it is critical to use your cell phone, please go into the hallway.

- **If you look at a cell phone during an exam, your exam will be taken away and you will receive an F** (see academic integrity link below).

Your grade for this course will be determined by two exams (mid-term and final), and map assignments.

Course Goals:

- introduction to effective map design, symbolization and graphic communication.
- to become proficient with the use of drawing software to produce thematic maps
- to better understand the role of human perception in map use and map design.

In order to get a good grade on the mapping projects, you have to become competent using *Adobe Illustrator CC* drawing software, and need to show you understand the principles of effective map design that we will be discussing. Rutgers has a site license for Adobe Illustrator, so a net ID and password will allow you to create an account and use the software on two computers (for example, home and class).

Students may use the computers in Lucy Stone Hall B251 during business hours when there is a class in B266. [Geography Computer Teaching Lab \(B266\) schedule](#)

[Academic Integrity \(Links to an external site.\)](#): Your responsibility as a Rutgers student.

[SAS Core Curriculum \(Links to an external site.\)](#): This course satisfies both a SAS Core Curriculum Writing and Communication (WCD) requirement, and the Information Technology and Research (ITR) requirement. After completing this course, students will be able to **communicate effectively in modes appropriate to a discipline or area of inquiry** and they will be able to **evaluate and critically assess sources and use the conventions of attribution and citation correctly**. Students will also learn to **analyze and synthesize information and ideas from multiple sources to generate new insights**. Also, students will learn to **employ current technologies to access information, to conduct research, and to communicate findings**.

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