

University of Montana

ScholarWorks at University of Montana

Syllabi

Course Syllabi

Fall 9-1-2000

GEOG 105.01: Map and Air Photo Laboratory

John Donahue

The University Of Montana

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Let us know how access to this document benefits you.

Recommended Citation

Donahue, John, "GEOG 105.01: Map and Air Photo Laboratory" (2000). *Syllabi*. 5131.

<https://scholarworks.umt.edu/syllabi/5131>

This Syllabus is brought to you for free and open access by the Course Syllabi at ScholarWorks at University of Montana. It has been accepted for inclusion in Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

This class requires a working knowledge of plane geometry and trigonometry

Geography 105, Map/Air Photo Lab
Autumn00, W, 3:10 to 5:00
Social Science 254
Geography Phone: 243-4302

Instructor: John Donahue
Office: Social Science 211
Office Phone: 243-6462
Office Hours:

Lab Assistant: Casey Wilson
Office: SS215

Phone: 243-4502

Required Materials sold through the Geography Department:

- (1) map and air photo plastic template,
- (2) pair of stereophotos: Rattlesnake 1309157, 1 and 3, taken 20 Sept 91
- (3) U.S. Geological Survey 7.5' Quadrangle: Southwest Missoula
- (4) U.S. Geological Survey 7.5' Quadrangle: Blue Mountain

If you lose or damage the photos or map, you may re-purchase them at Missoula Blueprint, 1613 South Avenue West; Phone 549-0250. Take good care of these materials; several exercises are based on them.

- (5) Triangle Engineers Ruler with scales of 10, 20, 30, 40, 50, and 60 graduations per inch. This may be purchased at the University Bookstore or any engineering supplies store.

IT IS YOUR RESPONSIBILITY TO INSURE THAT THESE MATERIALS ARE AVAILABLE FOR YOUR USE IN CLASS!!!

Required Text available in University Bookstore: J. J. Donahue, *Notes for Geography 105*, Fac Pac

Optional Texts available in University Bookstore: Muehrcke and Muehrcke, *Map Use* and J. J. Donahue, *Notes for Geography 104*, Fac Pac

Semester Schedule

<u>Day</u>	<u>Date</u>	<u>Activity or Exercise</u>
W	6 Sept	Introduction, Review of Trigonometric Functions
W	13 Sept	Topographic Map Series, Formats, and Symbols

W	20 Sept	Map Symbols and Information
W	27 Sept	Aerial Photo Formats and Procedures
W	4 Oct	Watersheds
W	11 Oct	Profiles
W	18 Oct	Coordinates
W	25 Oct	Principal Point Transfers <i>direction</i>
W	1 Nov	Scale and Distance
W	8 Nov	Cross-Azimuths
W	15 Nov	Stereogram <i>Principal Point</i>
W	22 Nov	THANKSGIVING HOLIDAY
W	29 Nov	Parallax
W	6 Dec	Area
W	13 Dec	Point Gradient
T	19 Dec 1:10 to 3:10	Turn-in Point Gradient exercise

Exercise Return

Completed exercises should be returned to the course assistant at the start of the class meeting one week after the date of their listing in this schedule.

-->>>> Failure to return exercises on time will usually result in a grade lowered by 10 to 20 points. Only under dire circumstances, which must be proven to the satisfaction of the instructor, will an exercise be accepted late by a week or more. Otherwise, a zero grade will be awarded

Grading

Term average grade derived from average scores of exercises. Although most work is graded as a traditional percentage ratio, some exercises are graded subjectively on the

basis of good (85), average (75), poor (50), and others are graded as good (85) or poor (50)

Reading Exercise Assignments

Each week, read the instructions for the scheduled exercise before coming to the lab. The assignment instructions are listed by the same name (or closely so) that is given in the above schedule.

Dates to Remember

- 25 Sept. Last day to drop courses and receive a full refund
- 16 Oct Last day to drop/add courses with no refund or change grading system
- 30 Oct Spring semester advising begins