Fall 9-1-2000

GEOG 105.01: Map and Air Photo Laboratory

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The University Of Montana

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Schedule for Autumn 00

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

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

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
<th>Activity or Exercise</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>6 Sept</td>
<td>Introduction, Review of Trigonometric Functions</td>
</tr>
<tr>
<td>W</td>
<td>13 Sept</td>
<td>Topographic Map Series, Formats, and Symbols</td>
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Schedule for Autumn 00

W 20 Sept  Map Symbols and Information
W 27 Sept  Aerial Photo Formats and Procedures
W  4 Oct  Watersheds
W  4 Oct  Profiles
W 18 Oct  Coordinates
W 25 Oct  Principal Point Transfers
W  1 Nov  Scale and Distance
W  8 Nov  Cross-Azimuths
W 15 Nov  Stereogram
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
Schedule for Autumn 00

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