

SYLLABUS FOR ASTRONOMY 101, FALL 2007

COURSE TITLE:	CELESTIAL CLOCKWORKS
WEBSITE:	www.pa.msu.edu/courses/ast101
LOCATION:	Abrams Planetarium
TIME:	Tuesday 6:40 pm – 7:40 pm
CREDITS:	1
INSTRUCTOR:	David Batch Abrams Planetarium 355-4676 dbatch@msu.edu
GRADING SCHEME:	Daily quizzes, Take-homes 30%; Midterm 30%; Final Exam 40% For info on grading and attendance, see AST101 webpage.
REQUIRED MATERIALS:	Planisphere & Astrolabe (\$20.00 total, available at planetarium), Red Flashlight

CLASS #	DATE	TENTATIVE TOPIC
1.	Aug. 28	Constellations, Star Maps, Horizon Coordinates
2.	Sept. 4	Constellations, Rotation of Earth, Sky Grid
3.	Sept. 11	Planisphere
4.	Sept. 18	Sidereal Time and Sky Coordinates
5.	Sept. 25	Sun's Annual Motion, Ecliptic, Zodiac, Seasonal Constellations
6.	Oct. 2	Revolution of Earth, Planets, Moon, Ecliptic
7.	Oct. 9	Introduction to Astrolabe
8.	Oct. 16	Midterm
9.	Oct 23	Astrolabe, continued.
10, 11.	Oct. 30, Nov. 6	Determination of Latitude
12, 13.	Nov. 13, 20	Determination of Longitude
14.	Nov. 27	Review: Latitude, Longitude, Time
15.	Dec. 4	Precession, Constellations Review
	Dec. 11	Final Exam

MSU OBSERVATORY PUBLIC OBSERVING NIGHTS FOR FALL SEMESTER:

Sept. 21, 22; Oct. 19, 20; 9-11 pm., weather permitting.