

SYLLABUS FOR ASTRONOMY 101, FALL 2006

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 30%; Midterm 30%; Final Exam 40% For info on grading and attendance, see AST101 webpage.
REQUIRED MATERIALS:	Planisphere (\$3.50 at planetarium), Red Flashlight

CLASS DATE	TENTATIVE TOPIC
Aug. 29	Constellations, Star Maps, Horizon Coordinates
Sept. 5	Constellations, Rotation of Earth, Sky Grid
Sept. 12	Planispheres
Sept. 19	Astrolabes
Sept. 26	Planet, Moon, Sun, Earth and Sky Coordinates
Oct. 3	Sun's Motion, Ecliptic, Zodiac, Seasonal Constellations
Oct. 10	Revolution of Earth, Planets, Moon, Ecliptic
Oct. 17	Midterm
Oct 24, 31	Determination of Latitude
Nov. 7, 14	Solar and Sidereal Time, Determination of Longitude
Nov. 21	Precession of Earth's Rotation Axis
Nov. 28	Review: Latitude, Longitude, Time
Dec. 5	Review: Constellations
Dec. 12	Final Exam

MSU OBSERVATORY PUBLIC OBSERVING NIGHTS FOR FALL SEMESTER:

Sept. 29, 30; Oct. 27, 28; 9-11 pm., weather permitting.