

SYLLABUS FOR ASTRONOMY 101, FALL 2005

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 at planetarium), Red Flashlight

CLASS DATE	TENTATIVE TOPIC
Aug. 30	Constellations, Star Maps, Horizon Coordinates
Sept. 6	Constellations, Rotation of Earth, Sky Grid
Sept. 13	Planispheres
Sept. 20	Planet, Moon, Sun, Earth and Sky Coordinates
Sept. 27	Sun's Motion, Ecliptic, Zodiac, Seasonal Constellations
Oct. 4	Revolution of Earth, Planets, Moon, and Ecliptic
Oct. 11	Midterm
Oct. 18	Moon Phases, Times
Oct 25, Nov. 1	Determination of Latitude
Nov. 8, 15	Solar and Sidereal Time, Determination of Longitude
Nov. 22	Precession of Earth's Rotation Axis
Nov. 29	Review: Latitude, Longitude, Time
Dec. 6	Review: Constellations
Dec. 13	Final Exam

MSU OBSERVATORY PUBLIC OBSERVING NIGHTS FOR FALL SEMESTER:

Sept. 9, 10; Oct. 7, 8; Nov. 4, 5; 9-11 pm., weather permitting.