

SYLLABUS FOR ASTRONOMY 101, FALL 2003

COURSE TITLE:	CELESTIAL CLOCKWORKS
WEBSITE:	www.pa.msu.edu/courses/2003fall/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 45% Final Exam 55% For info on grading and attendance, see AST101 webpage.

CLASS DATE	TENTATIVE TOPIC
Aug. 26	Constellations, Star Maps, Horizon Coordinates
Sept. 2	Constellations, Rotation of Earth, Sky Grid
Sept. 9	Geographic and Celestial Coordinates
Sept. 16	Seasonal Constellations and Revolution of Earth
Sept. 23	Planet Motions, Sun's Motion, Ecliptic
Sept. 30	Moon Phases and Motion, Zodiac
Oct. 7	Solar Time, Sidereal Time
Oct. 14, 21	Determination of Latitude, Longitude
Oct. 28	Precession of Earth's Rotation Axis
Nov. 4	Calendars, Sidereal and Tropical Year
Nov. 11, 18	Determination of Date and Epoch
Nov. 25	Review: Determination of Latitude, Longitude, Time, Date and Epoch
Dec. 2	Review: Constellations
Dec. 9	Final Exam

MSU OBSERVATORY PUBLIC OBSERVING NIGHTS FOR FALL SEMESTER:

Sept. 5, 6, 12, 13; Oct. 3, 4; Nov 7, 8; 9-11 pm