

SYLLABUS FOR ASTRONOMY 101, FALL 2002

COURSE TITLE: CELESTIAL CLOCKWORKS
WEBSITE: www.pa.msu.edu/abrams/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 40%
Final Exam (last class meeting) 60%

CLASS DATE	TENTATIVE TOPIC
Aug. 27	Constellations, Star Maps, Horizon Coordinates
Sept. 3	Constellations, Rotation of Earth, Sky Grid
Sept. 10	Geographic and Celestial Coordinates
Sept. 17	Seasonal Constellations and Revolution of Earth
Sept. 24	Moon Phases and Motion, Zodiac
Oct. 1	Planet Motions, Sun's Motion, Ecliptic
Oct. 8	Solar Time, Sidereal Time
Oct. 15, 22	Determination of Latitude, Longitude
Oct. 29	Precession of Earth's Rotation Axis
Nov. 5	Calendars, Sidereal and Tropical Year
Nov. 12, 19	Determination of Date and Epoch
Nov. 26	Review: Determination of Latitude, Longitude, Time, Date and Epoch
Dec. 3	Final Exam

MSU OBSERVATORY PUBLIC OBSERVING NIGHTS FOR FALL SEMESTER:

Sept. 13, 14; Oct. 11, 12; Nov 15, 16; 9-11 pm