

ASTR 330 Term Project Worksheet
PHASES OF THE MOON

Date Due: Tuesday, November 16, 2004

Name: _____

Once a day when you go outside, take a moment and see if you can find the Moon. You will not be able to find it every day, and it will not appear the same every day. (We will be discussing why this is in class.) If you find the Moon, write down the time of your observation, what direction you observed it in (N, E, S, W, or in between these), and quickly sketch its shape. If you cannot find the Moon, again write down the time and put "not seen". If the day is cloudy and you cannot see the Moon, mark that down.

At the end of the project, you will answer the following questions: What date (after November 16, 2004) will the next full moon occur on? What is the approximate period of the Moon's revolution around the Earth? To answer these questions, you should refer to the observations of the Moon that you have collected and use them as proof of your answer. *Before the project is due, a detailed description of the questions and instructions will be handed out in lecture.*

This assignment is due on Tuesday, November 16, 2004, at the beginning of lecture.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9/5 Time: _____ Direction: _____	9/6 Time: _____ Direction: _____	9/7 Time: _____ Direction: _____	9/8 Time: _____ Direction: _____	9/9 Time: _____ Direction: _____	9/10 Time: _____ Direction: _____	9/11 Time: _____ Direction: _____
9/12 Time: _____ Direction: _____	9/13 Time: _____ Direction: _____	9/14 Time: _____ Direction: _____	9/15 Time: _____ Direction: _____	9/16 Time: _____ Direction: _____	9/17 Time: _____ Direction: _____	9/18 Time: _____ Direction: _____
9/19 Time: _____ Direction: _____	9/20 Time: _____ Direction: _____	9/21 Time: _____ Direction: _____	9/22 Time: _____ Direction: _____	9/23 Time: _____ Direction: _____	9/24 Time: _____ Direction: _____	9/25 Time: _____ Direction: _____
9/26 Time: _____ Direction: _____	9/27 Time: _____ Direction: _____	9/28 Time: _____ Direction: _____	9/29 Time: _____ Direction: _____	9/30 Time: _____ Direction: _____	10/1 Time: _____ Direction: _____	10/2 Time: _____ Direction: _____

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10/3 Time: _____ Direction: _____	10/4 Time: _____ Direction: _____	10/5 Time: _____ Direction: _____	10/6 Time: _____ Direction: _____	10/7 Time: _____ Direction: _____	10/8 Time: _____ Direction: _____	10/9 Time: _____ Direction: _____
10/10 Time: _____ Direction: _____	10/11 Time: _____ Direction: _____	10/12 Time: _____ Direction: _____	10/13 Time: _____ Direction: _____	10/14 Time: _____ Direction: _____	10/15 Time: _____ Direction: _____	10/16 Time: _____ Direction: _____
10/17 Time: _____ Direction: _____	10/18 Time: _____ Direction: _____	10/19 Time: _____ Direction: _____	10/20 Time: _____ Direction: _____	10/21 Time: _____ Direction: _____	10/22 Time: _____ Direction: _____	10/23 Time: _____ Direction: _____
10/24 Time: _____ Direction: _____	10/25 Time: _____ Direction: _____	10/26 Time: _____ Direction: _____	10/27 Time: _____ Direction: _____	10/28 Time: _____ Direction: _____	10/29 Time: _____ Direction: _____	10/30 Time: _____ Direction: _____
10/31 Time: _____ Direction: _____	11/1 Time: _____ Direction: _____	11/2 Time: _____ Direction: _____	11/3 Time: _____ Direction: _____	11/4 Time: _____ Direction: _____	11/5 Time: _____ Direction: _____	11/6 Time: _____ Direction: _____
11/7 Time: _____ Direction: _____	11/8 Time: _____ Direction: _____	11/9 Time: _____ Direction: _____	11/10 Time: _____ Direction: _____	11/11 Time: _____ Direction: _____	11/12 Time: _____ Direction: _____	11/13 Time: _____ Direction: _____