ASTR 105 Lab M02: The Planets

Location: Walden Hall 232
Time: Wednesdays 4:30-6:30
TA: Ryan Hamilton

Office: 108 Astronomy Building
Phone: (575) 646-6328
Email: rhamilt
(append "@nmsu.edu")

Office Hours*:
Wednesdays 1:00 – 2:00
*Subject to change.

Policies

Attend all labs and arrive on time. Expect to use the full two hours to complete a lab. Attendance is mandatory.

Prepare by reading the lab before you come. Reading ahead of time helps you understand the material better and gives you a far better chance of not getting lost.

Bring the following items:
- a copy of the lab for the day
- any part of the previous lab you have not yet turned in
- a writing utensil
- extra paper
- a calculator (your cell phone isn’t really a calculator).

Groups of 3 or 4 students are permitted to work together. Each group may submit one copy of their in-lab work with all members names on the top. Each group member must complete their take home section individually.

Plagiarism will not be tolerated. Any instances of plagiarism will result in a 0 for all parties involved. Plagiarism includes copying/reusing materials from the Lab Manual/Wikipedia/any source without attribution.

Labs are due one week from when they were assigned. A lab will receive half credit if it is turned in within one week of the due date. Any lab received after this will be given a 0.

*Policies are subject to change and will be announced in class.

Tutoring

Zuhl Library Student Success Center:
This is a drop-in tutoring service offered by the library.
No appointment is necessary
At least 30 minutes of face-to-face tutoring is guaranteed
Phone: (575) 646-6050
Zuhl Library Second floor

The Crimson Scholar Residential Mentors:
Offers free tutoring services to all NMSU students
Located in the La Vista Learning Lounge in Garcia Hall
Tutoring in a variety of classes and subjects (including Biology, Chemistry, Engineering, Mathematics, and many more)
Students may walk-in or schedule a tutoring appointment
Phone: (505) 646-5590

Academic Support Center:
Offers drop-in or by-appointment tutoring, one-on-one and group tutoring.
Tutoring in a variety of classes and subjects (including Calculus, Biology, Chemistry, Physics,
Accounting and many more)
Located in the ASC Building (just north of the Science Center)
Current hours are stated as:
  Mondays - Thursdays: 9:00am - 7:00pm
  Fridays: 9:00am - 4:00pm
  Saturdays: 10:00am- 2:00pm
Phone: (575) 439-3853

Tips

Check your Units If the question is asking for a distance, your answer should not be in seconds.

Does your answer make sense? Before you press the equals sign in your calculator, think about what you expect the answer to be (should it be a huge number, or do you expect it to be very small).

Make sure you understand how your calculator works Entering 2.6/2*π is not the same thing as 2.6/(2π)

Answer every question Giving any answer is better than giving no answer.

Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Lab Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Lab # 1: Tools for Success</td>
<td>01/20/11</td>
</tr>
<tr>
<td>2</td>
<td>Lab # 8: Density</td>
<td>01/27/11</td>
</tr>
<tr>
<td>3</td>
<td>Lab # 7: Scale Model of the Solar System</td>
<td>02/03/11</td>
</tr>
<tr>
<td>4</td>
<td>Lab # 3: Phases of the Moon</td>
<td>02/10/11</td>
</tr>
<tr>
<td>5</td>
<td>Lab # 2: The Origin of the Seasons</td>
<td>02/17/11</td>
</tr>
<tr>
<td>6</td>
<td>Lab # 6: The Orbit of Mercury</td>
<td>02/24/11</td>
</tr>
<tr>
<td>7</td>
<td>Lab # 5: Kepler's Laws</td>
<td>03/03/11</td>
</tr>
<tr>
<td>8</td>
<td>Lab # 9: Estimating Earth's Density</td>
<td>03/10/11</td>
</tr>
<tr>
<td>9</td>
<td>Lab # 12: Surface of the Moon</td>
<td>03/17/11</td>
</tr>
<tr>
<td>10</td>
<td>Lab # 15: Surface Water Flow Features on Mars</td>
<td>03/31/11</td>
</tr>
<tr>
<td>11</td>
<td>Lab # 16: Heat Loss from IO</td>
<td>04/07/11</td>
</tr>
<tr>
<td>12</td>
<td>Lab # 17: Building a Comet</td>
<td>04/14/11</td>
</tr>
<tr>
<td>13</td>
<td>Lab # 19: The Sun</td>
<td>04/21/11</td>
</tr>
<tr>
<td>14</td>
<td>Lab # 20: Review</td>
<td>04/28/11</td>
</tr>
</tbody>
</table>