

# ASTRONOMY 105 - EXPLORING THE MOON - WINTER 2016

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Office Hours: W 10:30 - 11:30. Walk-ins welcome at any time.

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**Website:** <http://www.astro.washington.edu/users/smith/Astro105/>

**Text:** Will be announced in lecture.

**Why?:** The motivation for this class is pretty simple. For an astonishingly short period, a long time ago (July 1969 to December 1972) humans walked on another world. *Why did we do this, how did we do this, what did we learn, and why do we want to go back?*

**Prerequisites:** This class is designed to be an extension to the topics that are covered in Astronomy 150 (and to a much lesser extent, Astronomy 101). Astronomy 150 is not a prerequisite, but it would help. A strong interest in space can certainly make up for the missing Astro 150. There will be a little math in the class (more than in Astro 150), but nothing beyond simple algebra.

**Class Mailing List:** I will be using the class mailing list during class. Please make sure to monitor your uw.edu email account or set it to forward email to the account you usually read.

**W Credit:** There is a writing credit component available for this class. For the vast majority of you, this will be irrelevant. If you are interested in receiving W credit for this class, send me an email before Jan 8th.

**Class Work:** There will be weekly on-line lecture quizzes, four short (~ 30 minute) in-class exams, a few homeworks, and one short (~ 500 word) paper during the quarter. The dates for the short in-class quizzes are given below (all are on Fridays).

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Jan 22	Feb 05	Feb 26	Mar 11
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**Weekly Online Quizzes:** Every week there will be a required online quiz that is based on that week's lectures and readings. The quizzes will be of the short (~ 15 questions) multiple choice variety. The quiz will be available starting on Friday after lecture (11 am) and will only be available until the following Tuesday (Noon) . These quizzes are a required part of your grade. Missing a quiz will result in a zero for that quiz, no exceptions (all email excuses will be ignored). There are no make-ups for these online assignments, and no assignments will be dropped.

**WARNING:** Be very careful if you save the quiz to submit later, the answers may re-randomize. It is up to you to make sure your submitted answers are what you intended!

**Class Grade:** The class grade will be based on the in-class quizzes, the weekly on-line quizzes and homework. The distribution of points will be as follows:

Weekly Online Quizzes	30%
Homeworks	30%
In-Class Quizzes	40%

The chart below is a very rough guide to the grading scale in this class. Each exam is individually curved, but the curve always looks, more or less, like the chart below.

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4.0 - 95%	3.0 - 82%	2.0 - 68%	1.0 - 54%
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**There is no extra credit possible in this class.** As this is a large introductory survey class, I am required to make all possible points available to all students.

### Preliminary Class Schedule

Week	Mon	Wed	Fri
1	Why	Physics	Rockets
2	Mode	Moon Ages	Landing Sites
3	Holiday	Ap 8-10	<b>Quiz 1</b>
4	Ap 11	Ap 11	Ap 11
5	Ap 12	Ap 12	<b>Quiz 2</b>
6	Ap 13	Ap 14	Ap 14
7	Holiday	Ap 15	Ap 15
8	Ap 16	Ap 16	<b>Quiz 3</b>
9	Ap 17	Ap 17	Post Apollo
10	USSR	Why Back?	<b>Quiz 4</b>

