

# Assignment 4 - Igneous Rocks

Due Nov 29 at 11:59pm	Points 100	Questions 10	Available after Sep 18 at 2:15pm	Time Limit None
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## Instructions

This assignment requires you to visit the GLC and look at igneous rocks. The GLC is located in Fleming 136 and is open M-Th 8:30 am to 7:00 pm and F 8:30 am to 4:30 pm. Sign in using the QR code and ask the TA for the five boxes of igneous rocks for Dr. H. They should look like the image below. Each box contains ten examples of an igneous rock. The rocks are also labeled. Use your notes and lecture slides to help.

One attempt, no time limit. Suggested due date is 9/25.



## Attempt History

	Attempt	Time	Score
LATEST	<a href="#">Attempt 1</a>	14 minutes	80 out of 100

🚫 Correct answers are hidden.

Score for this quiz: **80** out of 100  
Submitted Oct 2 at 2:37pm  
This attempt took 14 minutes.

Question 1	10 / 10 pts
Box 2: What is the texture of this rock?	
<input type="radio"/> Porphyritic	
<input type="radio"/> Vesicular	
<input type="radio"/> Fine-grained	
<input checked="" type="radio"/> Coarse-grained	
<input type="radio"/> Glassy	

**Question 2****10 / 10 pts**

Box 1: What is the texture of this rock?

- ☐ Porphyritic
- ☐ Fine-grained
- ☐ Glassy
- ☐ Vesicular
- ☒ Coarse-grained

**Incorrect****Question 3****0 / 10 pts**

Box 4: What is the igneous composition of this rock?

- ☒ Mafic
- ☐ Ultramafic
- ☐ Intermediate
- ☐ Felsic

**Question 4****10 / 10 pts**

Box 2: What is the igneous composition of this rock?

- ☐ Ultramafic
- ☒ Intermediate
- ☐ Mafic
- ☐ Felsic

**Question 5****10 / 10 pts**

Box 5: What was the cooling rate of this rock?

- ☐ Slow at first, then fast

☐ Slow

☐ Fast at first, then slow

☒ Fast

### Question 6

10 / 10 pts

Box 1: What was the cooling rate of this rock?

☐ Slow at first, then fast

☒ Slow

☐ Fast at first, then slow

☐ Fast

### Question 7

10 / 10 pts

Box 3: What was the cooling rate of this rock?

☐ Fast at first, then slow

☒ Fast

☐ Slow at first, then fast

☐ Slow

Incorrect

### Question 8

0 / 10 pts

Box 4: What is the name of this igneous rock?

☐ Peridotite

☐ Basalt

☐ Andesite

☐ Granite

☐ Pumice

☐ Obsidian

☒ Gabbro

☐ Rhyolite

☐ Diorite

### Question 9

10 / 10 pts

Box 5: What is the name of this igneous rock?

☒ Obsidian

☐ Pumice

☐ Granite

☐ Diorite

☐ Rhyolite

☐ Peridotite

☐ Basalt

☐ Gabbro

☐ Andesite

### Question 10

10 / 10 pts

Box 1: What is the name of this igneous rock?

☐ Pumice

☐ Basalt

☐ Rhyolite

☒ Granite

☐ Peridotite

☐ Gabbro

☐ Obsidian

☐ Andesite

☐ Diorite

Quiz Score: **80** out of 100