# Photography Assignment

**Due Date: 4/25/17 at 5:00PM**

**Directions:** We have learned a LOT of new vocabulary this semester. In this assignment, you will take 10 photographs illustrating geometry vocabulary terms.

- Do not use old photos, or photos you found on the internet—this assignment is about you seeing the world with new eyes!

- Vocabulary terms must come from the lists at the beginning of each section in your TTK packets.

- For each photograph you take, you will write up a brief photographer's statement (in complete sentences) which includes information like:

  ➢ What geometry term(s) does this photograph represent?

  ➢ How does your picture represent this (or these) terms?

  ➢ What properties of this geometric object are visible/illustrated?

- ***You may re-use vocabulary words, but each statement must include at least one unique vocabulary word. (i.e. you can't take 10 photos of parallel lines!)***

- When taking your photographs and selecting your terms, please keep *complexity* in mind— you will earn points for this!

  ➢ You can increase the complexity of your choices by choosing challenging vocabulary terms (for example, "inductive reasoning"), including multiple terms in one photograph, or selecting unconventional subject matter for your photographs.

  ➢ *If you include multiple terms in one photograph, pay attention to how these terms interact with each other.*

- You may turn in your assignment by bringing a hard copy to class, or by uploading a Microsoft Word document (.doc or .docx), PowerPoint (.ppt or .pptx) or PDF (.pdf) to Canvas under the tab "Assignments."

## (Good) Example Photo/Statement:

This is a photograph of a stop sign with street signs attached. The stop sign is in the shape of a **regular octagon.**
The two street signs represent lines that are **perpendicular** to the wooden post, but **skew** to each other.
The two signs are made of two **parallel planes** attached to either end of the wooden post.

*What makes this a good example?*

## (Bad) Example Photo/Statement:

These post-it notes are squares.

*Why is this a bad example?*



## Grading Rubric:

Each photo will be graded by the following 5-point rubric:

| | |
|---|---|
| Photo illustrates vocabulary found in statement. | /1 point |
| Statement contains unique vocabulary word. | /1 point |
| Statement describes the geometry found in the photo with a level of accuracy, and precision appropriate to this course. | /2 points |
| Photo/Statement demonstrates a level of complexity appropriate to this course. | /1 point |
| **Photo Point Total** | **/5 points** |

Your complete 10-photo project is therefore worth 10×5 = 50 points.