

**CSCI-GA.3033-012**  
**Graphics Processing Units (GPUs): Architecture and Programming**  
**Homework 1 – Due Th Feb 9<sup>th</sup>, 2012**

1. Make a small web search and form a table as follows (columns from left to right):

- GPU model (e.g. Nvidia GeForce 560 Ti)
- The amount of memory
- Number of cores
- Memory bandwidth
- The year it first appears

I cannot tell you how many rows in the table. This depends on the quality of your search. However, the more GPUs you put, the better, and the higher the grade!

2. Provide a bulleted list of as many applications as you can that GPUs can be used in (e.g. computation finance, ...); Also the more elements the better.