# COSC 342 Assignment 1 – Image Mosaicing

## Report for <YOUR NAME GOES HERE>, ID #<YOUR STUDENT ID>

## Introduction

Give a general introduction to your report. While in this case we know what's going on, pretend that the reader might not be as familiar with the assignment as you are.

You might want to pull out some common information from the experiments here. For example, if you are using the same data or the same evaluation measure (e.g. a way to tell how accurate the estimated homography is) for all experiments, then have it once at the start rather than repeating a lot of information.

## Experiment 1: Feature Matching

### Hypothesis/Question:

Explain what question you are asking, or why hypothesis you are testing.

### Experimental Design:

Explain what your experiment is, what data you are going to be using, what you will measure, and how this will answer your question or test your hypothesis. If there are some parts of your design (e.g. your set of test data) that are common to both of the experiments, then you can move that out to the front of the report.

### Results:

Clearly present the results of your experiment. This is the place for charts, tables, etc. but don't just present them without explanation.

### Discussion/Conclusions:

What do the results of the experiment tell us about the hypothesis or question. It is OK if they don't answer the question clearly, or if the results are not what you would expect. The important thing is to interpret the results honestly and to explain what you have observed as clearly as possible.

## Experiment 2: RANSAC for Homography Estimation

### Hypothesis/Question:

Explain what question you are asking, or why hypothesis you are testing.

### Experimental Design:

Explain what your experiment is, what data you are going to be using, what you will measure, and how this will answer your question or test your hypothesis. If there are some parts of your design (e.g. your set of test data) that are common to both of the experiments, then you can move that out to the front of the report.

### Results:

Clearly present the results of your experiment. This is the place for charts, tables, etc. but don't just present them without explanation.

## Discussion/Conclusions:

What do the results of the experiment tell us about the hypothesis or question. It is OK if they don't answer the question clearly, or if the results are not what you would expect. The important thing is to interpret the results honestly and to explain what you have observed as clearly as possible.

## Final Remarks

Draw together the two experiments and tell us what you've found from them in general. This is also a good place to suggest what the next steps will be. It is good to be honest about the limitations of your work, especially if you can see how to improve things in the future.