

# MSOE EECS Department

## CS498: Week 7 Lab Grading Checklist

Dr. Yoder Name: \_\_\_\_\_

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Item	Points
Introduction: Describe the lab in your own words (You may use the space below)	/ 1
<b>Include</b> all m-files: surf.m (your top-level script), and any other m-files you created	/ 1
Code <b>follows</b> good style (properly indented, meaningful variable names, clean loops, ...)	/ 1
surf.m <b>implemented</b> correctly	/ 3
RANSAC implemented correctly	/ 3
Include original images	/ 1
Include image showing all matches	/ 1
Include image showing inlier matches selected by RANSAC	/ 1
Include composite image	/ 1
<b>Excellent Credit:</b> Code shows excellence in going beyond the requirements	/ 1
<b>Answer</b> the following questions at the end of your report: How does SIFT achieve rotation invariance while detecting keypoints? How does SIFT achieve rotation invariance while matching keypoints?	/ 1
How does SIFT achieve illumination invariance while detecting keypoints? How does SIFT achieve illumination invariance while matching keypoints?	/ 1
In which step are false matches rejected? How is this accomplished?	/ 1
Summarize what you learned during this lab (You may use the space below)	/ 1
Things you liked about the lab or suggestions for improvement	/ 1
Follow submission instructions below	/ 1
<b>Total</b>	/ 20

- **Staple** this lab cover sheet on top of all the materials you are submitting.
- Submit your work in the **order** listed above.
- In addition to the materials above, submit any other supporting materials you create while working the lab where they fit best in your report.
- Your lab packet is due by **9 am Wednesday of Week 8**. Your demo is due at the **start of the Week 8 Lab**. The late penalty is 2 points per day. Slip your submitted lab packet under my office door or submit your packet to me during the laboratory.