

# MSOE EECS Department

## CS2911: Lab 8 Grading Checklist

Dr. Yoder Names:

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Item	Points
Introduction: Describe the lab in your own words (You may use the space below)	/ 1
<b>Design</b> by dividing task into clear modular sub-tasks	/ 1
<b>Document</b> author and interface of each method, dividing work reasonably	/ 1
<b>Design</b> and <b>refactor</b> to reuse code and keep methods short	/ 1
<b>Ensure</b> $(p-1)\%e \neq 0$ for both $p$ and $q$	/ 1
<b>Ensure</b> $p$ and $q$ are prime	/ 1
<b>Ensure</b> $p \neq q$	/ 1
<b>Ensure</b> $p$ and $q$ are in the right range	/ 1
<b>Ensure</b> code works 100% of time	/ 1
<b>Ensure</b> <code>break_key</code> works 100% of time	/ 1
<b>Break</b> 16-bit keys in under 1 second	/ 1
<b>Demonstrate</b> your program to the instructor during the lab period <ul style="list-style-type: none"> <li>• Code review</li> <li>• Submit code for unit test (?)</li> </ul>	/ 2
On another sheet of paper, <b>answer</b> the <b>Question 1: RSA Security</b>	/ 2
<b>Answer Question 2: Critical Step(s)</b>	/ 1
<b>Excellent Credit:</b> Complete the exercise and answer the question	/ 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 and demo are due at the start of the following week's lab period. There is a 2 point per day late penalty on the packet + demo. Slip your submitted lab packet under my office door or submit your packet to me during the laboratory.