MSOE EECS Department
CS-2852: Lab 9 Grading Checklist
Dr. Durant

Name: _____ Section: _____

Item	Points
Fully documented source: HashTable.java. Should be well formatted. For example, you might print from IntelliJ using 10pt Consolas with line numbers, and default headers (filename) and footers (page numbers). Some linewrapping is okay, but it should not be excessive. Use landscape mode or an 8pt font if necessary. Good documentation reminds your future self what your present self was thinking when you wrote this. • Constructor • add, addAll, clear • contains, containsAll • isEmpty, remove, size • getCapacity, setCapacity • loadFactor, numberOfCollisions • biggestBucket, numberOfEmptyBuckets	/ 40
Optional Methods/Interfaces • Iterator: hasNext, next, remove • removeAll, retainAll, toArray(), toArray(T[])	/ 5
Profiling and discussion. Goals include: determine ideal load factor. Test at least with story.txt in hash table and capacities of $10^{\{2, 4, 6\}}$. Include: • Capacity • Size • Load factor • Number of collisions • Size of biggest bucket • Number of empty buckets	/ 30
Demo (Due in week 10 lab)	/ 25
Total	/ 100

- **Staple** this lab cover sheet on top of all the materials you are submitting.
- Submit everything in the **order** listed above.
- Your lab is due before the EECS Department Office closes on the last business day in the week the lab is performed. You may submit it to my mailbox, in person, on my bulletin board, etc.
- Extra copies of lab checkout sheets are available on my website.