

Group Project Rubric

INTRODUCTION

- Briefly introduce the problem that your project studies 6 points

FORMULATE A MODEL

- Using and clearly defining appropriate notation/variables 5 points
- Expressions (CDF, inverse) 5 points
- Tree Diagram 13 points

DESIGN ALGORITHM & SIMULATE CALLING PROCESS

25 points

- You should clearly describe how the algorithms use random numbers to produce values of W . Grader should not have to look at your code to understand how your algorithms work.
- It should be clear how you got the computer to produce a value of time for a single call, as well as how you got the total time spent on one customer.
- Report $u51$, $u52$, $u53$.

ESTIMATE

15 points

- Individual answers will vary somewhat. Reasonableness of answers will be assessed.

ANALYZE

- Comparison of median versus mean 4 points
- Sample Space 2 points
- Graph of CDF 9 points
 - Scale axes
 - Points used to construct CDF must be shown
 - Shape of function must be appropriate
 - Conclusion about distribution

COMMENT

6 points

Overall Quality of Presentation:

- Quality of graphs, quality of writing and overall appearance 6 points
- Honor Pledge with Signatures 4 points

Total: 100 points