

## Project 2 Rubric

### CS621: Network Programming – Spring 2019

<b>DiffServ: A Base Class to Simulate Differentiated Services</b>	<b>30 pts</b>
DiffServ class	8
Traffic class	7
Filter class	4
FilterElement class	4
Seven FilterElements subclass	7
<b>Implementing SPQ and DRR with DiffServ</b>	<b>30 pts</b>
SPQ config file and correctly set the retrieved corresponding parameters	5
SPQ implementation using DiffServ	10
DRR config file and correctly set the retrieved corresponding parameters	5
DRR implementation using DiffServ	10
Extra Credit: Parser for SPQ config file based on Cisco 3750 CLI commands	5
<b>Simulation Verification and Validation</b>	<b>20 pts</b>
Topology setup	2
SPQ validation scenario	5
DRR validation scenario	5
SPQ: Correctly report on the results of the scenarios used for simulation verification, using a plot	4
DRR: Correctly report on the results of the scenarios used for simulation verification, using a plot	4
<b>Deliverables (in addition to code)</b>	<b>20 pts</b>
Coding Style	2.5
Technical Manual	2.5
Demo/Presentation	5
Final Report	10