Group Name: _____   Total Grade: _____   Comments: _____

Criteria	Points	Description	Points Earned
Clarity and Cohesion (25 pts)			
Organization	10	Clear structure and flow of the report, with sections logically arranged. Each question addressed in a clear manner or clearly marked within the report.	
Introduction	5	Clear introduction that outlines the purpose and objectives of the assignment. Provides context for the chemical separator systems being analyzed and the role of the controllers introduced in this system.	
Explanation of Results	10	Clear and concise explanation of simulation results. Demonstrates understanding of observed behaviors of controllers and relate its impact on the system.	
Technical Correctness (50 pts)			
Python Implementation	10	Correct implementation of simulation and plotting using Python. Code is well-commented and organized.	
ASPEN Dynamics Implementation	10	Correct implementation of simulation with the tasks activated as required. Correctness will be assessed based on results/plots discussed.	
Mathematical Analysis	15	Accurate derivation and representation of transfer functions for all cases. Correct application of control theory concepts.	
Assessment of Controller Performance	15	Accurate calculation of key parameters of controllers to explain their performances in each of the tasks. Demonstrates understanding of how controller parameters affect system dynamics.	
Quality of Report Presentation (25 pts)			
Writing Style	10	Clear and concise writing style, free from grammatical errors. Proper use of technical terminology and language.	
Figures and Tables	10	Figures are well-integrated into the report and effectively support the analysis. Tables are appropriately formatted and labeled.	

Group Name: _____   Total Grade: _____   Comments: _____

Formatting and Layout	5	Consistent formatting throughout the report (font, size, spacing, etc.). Adequate use of headings, subheadings, bullet points for clarity.	
Total	100		

CHE322 – Project Part 2 Grading Rubric