



COLLEGE *of* COMPUTER STUDIES

RUBRIC OF ASSESSMENT

1ST Semester S/Y 2025-2026

Course: **BSCS 4**
Subject: **MODELING AND SIMULATION**
Examination Period: **FINAL EXAMINATION**

Units: 3 Lecture: 2 Lab: 1
Subject Code: **CSEC 413**
Date: **DECEMBER 7 – 13, 2025**

Project				
CRITERIA	RATING			
	EXCELLENT (20 points)	GOOD (15 points)	FAIR (10 points)	POOR (5 points)
PROJECT DEFINITION & MODELING	Project model (synthetic data or game) is complex, well-defined, and mathematically sound. Any "tweaked" or comparative models are non-trivial.	Project model (synthetic data or game) is complex, well-defined, and mathematically sound. Any "tweaked" or comparative models are non-trivial.	Project model (synthetic data or game) is complex, well-defined, and mathematically sound. Any "tweaked" or comparative models are non-trivial.	Project model (synthetic data or game) is complex, well-defined, and mathematically sound. Any "tweaked" or comparative models are non-trivial.
EXPLORATORY DATA ANALYSIS (EDA)	EDA is deep and insightful, with 3+ relevant, well-labeled visualizations. Analysis correctly focuses on the appropriate data (e.g., generated data or simulated outcomes).	EDA is deep and insightful, with 3+ relevant, well-labeled visualizations. Analysis correctly focuses on the appropriate data (e.g., generated data or simulated outcomes).	EDA is deep and insightful, with 3+ relevant, well-labeled visualizations. Analysis correctly focuses on the appropriate data (e.g., generated data or simulated outcomes).	EDA is deep and insightful, with 3+ relevant, well-labeled visualizations. Analysis correctly focuses on the appropriate data (e.g., generated data or simulated outcomes).
SIMULATION & ANALYSIS	Simulation/modeling is applied correctly and robustly (e.g., 10k+ trials). Evaluation uses multiple, appropriate metrics, and any comparative analysis is insightful and quantitatively strong.	Simulation/modeling is applied correctly and robustly (e.g., 10k+ trials). Evaluation uses multiple, appropriate metrics, and any comparative analysis is insightful and quantitatively strong.	Simulation/modeling is applied correctly and robustly (e.g., 10k+ trials). Evaluation uses multiple, appropriate metrics, and any comparative analysis is insightful and quantitatively strong.	Simulation/modeling is applied correctly and robustly (e.g., 10k+ trials). Evaluation uses multiple, appropriate metrics, and any comparative analysis is insightful and quantitatively strong.
CODE QUALITY & EXECUTION	Code is clean, well-commented, and runs without errors. It clearly implements the models described in the documentation.	Code is clean, well-commented, and runs without errors. It clearly implements the models described in the documentation.	Code is clean, well-commented, and runs without errors. It clearly implements the models described in the documentation.	Code is clean, well-commented, and runs without errors. It clearly implements the models described in the documentation.
DOCUMENTATION & VIDEO	Documentation.pdf perfectly follows all 7 project steps.	Documentation.pdf is present but is missing a section or is brief.	Documentation.pdf is incomplete and hard to follow.	Documentation or video (or both) are missing.



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	Video.mp4 is clear, professional, within the 10-15 min limit, and effectively demonstrates the project.	Video is clear but may be too long/short or just reads the documentation without a demo.	<EOD_R/>Video is poorly-planned, has low audio/visual quality, or fails to show the project.	
TOTAL	100	75	50	25

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