

 Institución Universitaria	RÚBRICA DE EVALUACIÓN - TÉCNICAS DE CONTEO	Tema	01
Asignatura: MATEMÁTICAS PARA LA INFORMÁTICA AVANZADA			
Código-Grupo: 190304003-1		Programa académico: Ingeniería de Sistemas	

Equipo: _____

Fecha: _____

Criteria	Excellent (100%)	Good (75%)	Acceptable (50%)	Deficient (25%)	Score
1. Knowledge and application of counting techniques (30 pts)	Correctly applied appropriate techniques to solve each problem, with detailed explanations and solid mathematical justification.	Applied correct techniques in most problems, but with some weak justifications or minor errors.	Applied techniques superficially, with several conceptual errors or without clear justification.	Did not correctly apply counting techniques, or the solution lacks mathematical foundation.	/30
2. Implementation in Python (30 pts)	Code is functional, well-structured, efficient, and documented. It correctly solves the assigned problems.	Code is functional but has minor inefficiencies or lacks clarity in some parts.	Code has errors that affect its functionality or is disorganized, although it attempts to address the problems.	Code does not work, lacks structure, or is not related to the mathematical solution.	/30
3. Oral presentation (20 pts)	Clear, organized, and well-structured explanation. All team members actively participated and answered questions competently.	Presentation was understandable, although with some difficulties in clarity or unequal participation among team members.	Presentation was poorly structured or showed a lack of mastery of the topic. Some team members did not participate.	Presentation was confusing, showed little preparation, and lacked mastery of the topic.	/20
4. Clarity and structure of the report (15 pts)	Well-organized report, with clear explanations, impeccable writing, and evidence of in-depth analysis.	Report is understandable, although with some writing or structure issues.	Report has deficiencies in writing, poor organization, and superficial analysis.	Report is incomplete, confusing, or poorly structured.	/15
5. Teamwork and collaboration (5 pts)	Excellent distribution of work, good communication, and equitable participation among team members is evident.	Good collaboration existed, although with uneven distribution of work in some cases.	Difficulties in collaboration are perceived, with a poorly equitable distribution of work.	Lack of communication and teamwork; only a few members did the work.	/5

Puntaje total: ____ / 100