CRONOGRAMA DE CONTENIDOS TEMÁTICOS

Licenciatura	Interpretación y Traducción
Materia	Term. Esp. Ciencia-Eng-Tec.
Profesor	Bruce D. Marron
Cuatrimestre	6

Turno	Matutino
Período	26-1
Grupo	6A
Curso	IT0627

Unidad	Semanas de clase 1	2	3	4	5	6	7	8	9	10	11	12	13	14	F	Actividades de aprendizaje	Material didáctico
I. Foundations of Science, Engineering and Tech. 1. The Language of Science and Engineering 2. Foundations of Science-Eng-Tech 3. Systems Analysis																Instructor: Course Introduction / Classroom Expectations / Foundations of Science and Engineering Students: Investigations into science disciplines in Mexico / Written reports and oral presentations / Critiques Class: Round table discussions / Socratic seminar	Teams / Whiteboard (physical) / Classroom projector / Laptops / Internet access / Document printing capacity
II. Elements of Academic Work 1. The Elements of Style in Professional Writing 2. Review of Essential English Grammar 3. Homework as a Deliverable																Instructor: Elements of Academic Work Students: Readings, analyses, written critique, and written translations Class: Round table discussions / Socratic seminar	Teams / Whiteboard (physical) / Classroom projector / Laptops / Internet access / Document printing capacity
III. Topics in Modern Science, Eng., and Tech. 1. Mathematical Models: Successes and Limitations 2. Information Theory 3. Complexity Theory 4. AI and Machine Learning																Instructor: Topics in Modern Science Students: Readings, analyses, written critique, and written translations Class: Round table discussions / Socratic seminar	Teams / Whiteboard (physical) / Classroom projector / Laptops / Internet access / Document printing capacity
IV. Analysis, Evaluation, and Translation of Research Papers and Reviews 1. IEEE Open Journal of Engineering in Medicine and Biology 2. IEEE Open Journal of the Communications Society 3. Nature Communications																Instructor: Tackling Research Papers and Reviews Students: Readings, analyses, written critique, and written translations Class: Round table discussions / Socratic seminar	Teams / Whiteboard (physical) / Classroom projector / Laptops / Internet access / Document printing capacity
V. Technology Futures in Mexico 1. Semiconductors 2. Batteries 3. AI																Instructor: Technology Futures in Mexico Students: Readings, analyses, written critique, and written translations Class: Round table discussions / Socratic seminar	Teams / Whiteboard (physical) / Classroom projector / Laptops / Internet access / Document printing capacity
VI. Vocabulary Building																Instructor: Building Content-based Dictionaries Students: Dictionary building	Teams / Whiteboard (physical) / Classroom projector / Laptops /
First Exam • Demonstrate a basic knowledge of the foundations for traditional science and engineering • Analyze, evaluate, and translate selected topics in modern science																Written Exam	Blank paper / Pencil or pen / Copies of the exam
Second Exam • Analyze, evaluate, and translate selected topics in modern science • Analyze, evaluate, and translate engineering and technology research papers and reviews																Written Exam	Blank paper / Pencil or pen / Copies of the exam
Third Exam • Analyze, evaluate, and translate engineering and technology research papers and reviews • Compare and contrast various technology futures in Mexico																Written Exam	Blank paper / Pencil or pen / Copies of the exam
Final Exam Comprehensive																Written Exam	Blank paper / Pencil or pen / Copies of the exam

Evaluación del 1er. Parcial:	
Daily Work and Participation	**10** %
Homework	**60** %
Interim Exam	**30** %
	100 %

Evaluación del 2do. Parcial:	
Daily Work and Participation	**10** %
Homework	**60** %
Interim Exam	**30** %
	100 %

Evaluación del 3er. Parcial:	
Daily Work and Participation	**10** %
Homework	**60** %
Interim Exam	**30** %
	100 %

Calificación del Curso	
1P	**25** %
2P	**25** %
3P	**25** %
Final Exam	**25** %
	100 %