

Licenciatura	Interpretación y Traducción
Materia	Terminología Esp. Tec. e Ing.
Profesor	Bruce D. Marron
Cuatrimestre	6

Turno	Vespertino
Período	25-3
Grupo	6A2
Curso	IT0627

Unidad	Semanas de clase															F	Actividades de aprendizaje	Material didáctico
	1	2	3	4	5	6	7	8	9	10	11	12	13	14				
I. Foundations of Science and Engineering 1. The Language of Science and Engineering 2. Mental Models and Heuristics 3. Fundamental Concepts in Science and Engineering 4. 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. Topics in Modern Science 1. Information Theory 2. Agent-Based Modeling 3. Complexity Theory 4. 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
III. Analysis, Evaluation, and Translation of Research Papers and Reviews 1. Research Papers in Selected Engineering Disciplines 2. Reviews in Selected Scientific and Engineering Disciplines																	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
IV. Technology Futures in Mexico 1. Semiconductor Engineering 2. Battery Engineering 3. Digital Design Engineering 4. Additional Engineering Options																	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
V. Vocabulary Building																	Instructor: Building Content-based Dictionaries Students: Dictionary building	Teams / Whiteboard (physical) / Classroom projector / Laptops / Internet access / Document printing capacity
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 %