



Codigo del Curso	Titulo	2022-2023			2023-2024			2024-2025			2025-2026			2026-2027		
		Primer Semestre	Segundo Semestre	Verano Extendido	Primer Semestre	Segundo Semestre	Verano Extendido	Primer Semestre	Segundo Semestre	Verano Extendido	Primer Semestre	Segundo Semestre	Verano Extendido	Primer Semestre	Segundo Semestre	Verano Extendido
Cursos Modulares																
INEL 3115	Int. Ingeniería Electrica	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 3105	Anal Sist Eléctricos I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INEL 4102	Anal. Sist. Elec. II	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INEL 4201	Electrónica I	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4205	Circuitos de Lógica	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4151	Electromagnética I	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4103	Anal. Sist. Elec. III	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INEL 4095	Sistemas y Señales	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INEL 4206	Microprocesadores	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INEL 4505	Int. Sist. Control	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 5195	Proy. de Dis. en Ing. Eléct.	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
Laboratorios Modulares																
INEL 4115	Lab. Medidas Elect.	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4211	Lab. Electrónica I	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4406	Lab Maq. Eléctricas	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
Otros																
INEL 4075	Fundamentos Ing. Electrica	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4076	Fundamentos de Electronica	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
INEL 4995	Practica Ingeniería Electrica	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ICOM 4995	Practica Ingeniería Computadoras	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Electivas de Amplitud																
INEL 4155	Electromagnética Aplicada	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4156	Lab. de Electromagnética	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4202	Electrónica II.	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4212	Lab.de Elect. II.	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4405	Máquinas Eléctricas	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4418	Lab de "Power Electronics"	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
INEL 4301	Teoría de Com.	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓	
Electivas de Profundidad RF																
INEL 5316	Wireless Communications	✓			✓			✓			✓			✓		
INEL 5605	Antenna Theory and Design I		✓			✓			✓			✓			✓	
INEL 5606	Microwave Engineering	✓			✓			✓			✓			✓		
INEL 5607	Introduction to Radar Meteorology		✓			✓			✓			✓			✓	
INEL 5608	Manejo del Espectro RF	✓			✓			✓			✓			✓		

INEL 5626	Microwaves Engineering II		✓			✓			✓			✓			✓
INEL 5627	Antennas II		✓			✓			✓			✓			✓
Electivas de Profundidad Electronica															
INEL 5205	Instrumentation	✓			✓			✓			✓			✓	
INEL 5206	Digital Systems Design	✓			✓			✓			✓			✓	
INEL 5207	Design with Op-Amps and Analog Design		✓			✓			✓			✓			✓
INEL 5265	Analog Integrated System	✓			✓			✓			✓			✓	
Electivas de Profundidad Controles															
INEL 5208	Biomedical Instrumentation		✓			✓			✓			✓			✓
INEL 5505	Linear System Analysis		✓			✓			✓			✓			✓
INEL 5508	Digital Control Systems	✓			✓			✓			✓			✓	
INEL 5516	Robotics		✓			✓			✓			✓			✓
INEL 5506	Instrumentation Process Engineering	✓			✓			✓			✓			✓	
Electivas de Profundidad Potencia															
INEL 4407	Diseno Sist Alambrado 1	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓
INEL 4408	Diseno Sist Alambrado 2	✓			✓			✓			✓			✓	
INEL 4409	Diseno Sist Iluminacion		✓			✓			✓			✓			✓
INEL 4417	Alternative Energy	✓			✓			✓			✓			✓	
INEL 4415	Power System Analysis	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓
INEL 4416	Power Electronics	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓
INEL 5406	Transmission/ Distribution System Design		✓			✓			✓			✓			✓
INEL 5408	Motor Controls	✓						✓						✓	
INEL 5415	Protection Design for Electrical Systems				✓						✓				
INEL 5417	Power Electrn. App to Renew. Energy		✓			✓			✓			✓			✓
Electivas Profundidad Comcs. y DSP															
INEL 5046	Pattern Recognition	✓			✓			✓			✓			✓	
INEL 5309	Digital Signal Processing	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓
INEL 5327	Image Processing		✓			✓			✓			✓			✓
INEL 5315	Communications Theory II	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓