

CURRICULAR SEQUENCE

First Year

First Semester				Second Semester			
Course	Credits	Approved	In Progress	Course	Credits	Approved	In Progress
RAEM 115	3			RAEM 210	3		
RAEM 115L	1			RAEM 210L	1		
ETRA 160	3			ETRA 190	4		
ETRA 160L	1			ETRA 190L	1		
INGS 201	3			EMTE 105	3		
MAGS 120(I)	3			MATH 121+	3		
Total	14			Total	15		

Second Year

First Semester				Second Semester			
Course	Credits	Approved	In Progress	Course	Credits	Approved	In Progress
RAEM 220	3			RAEM 240	2		
RAEM 220L	1			RAEM 250	4		
EMTE 110	3			SOGS 201	3		
ENGS 152*	3			ENGS 153	3		
SPGS 152*	3			SPGS 250	3		
Total	13			Total	15		

Notes:

- *Students will be enrolled according to their College Board results.
- .+Laboratory course
- Engineering technology competencies in mathematics start at Intermediate Algebra level, and competencies in science require an ability to identify, formulate, and solve engineering problems by applying principles of engineering, science, and mathematics. These exceed compliance levels of the COMPETENT competency level for both quantitative and scientific reasoning.
- New students, without previous university experience, are required to take the Student Induction and Leadership Seminar (SIGS 100) and it will be offered the week before classes begin. Late registration students must complete this seminar during the academic semester.
- Subject to change.

CURRICULUM

General Education Component - 21 credits

Cursos	Créditos	Título	Prerrequisito
MAGS 120 (I)	3	Álgebra Introdutoria	
INGS 201	3	Introducción a las Destrezas de Información, Investigación y Redacción	
ENGS 152*	3	Fundamentals of Speaking, Reading and Writing I	
SPGS 152*	3	Fundamentos de Lectura y Escritura	
SOGS 201	3	El Ser Humano y la Conciencia Social	
ENGS 153	3	Fundamentals of Oral Communication, Reading and Writing II	ENGS 152
SPGS 250	3	Técnicas de Redacción	SPGS 152

Core Component - 9 credits

Cursos	Créditos	Título	Prerrequisito
MATH 121	3	Álgebra intermedia	MAGS 120
EMTE 105	3	Fundamentos de Manejo de Energía	
EMTE 110	3	Manejo de Energía en Sistema de Aire Acondicionado	EMTE 105

Major Component - 27 credits

Cursos	Créditos	Título	Prerrequisito
RAEM 115	3	Fundamentos de Refrigeración y Aire Acondicionado	Co-req. MAGS 120(I)
RAEM 115L	1	Laboratorio de Fundamentos de Refrigeración y Aire Acondicionado	Co-req. RAEM 115
RAEM 210	3	Principios de Refrigeración y Aire Acondicionado Residencial	RAEM 115, RAEM 115L, ETRA 160, ETRA 160L
RAEM 210L	1	Laboratorio de Principios de Refrigeración y Aire Acondicionado Residencial	Co-req. RAEM 210
RAEM 220	3	Principios de Refrigeración y Aire Acondicionado Comercial e Industrial	RAEM 115, RAEM 115L, ETRA 160, ETRA 160L
RAEM 220L	1	Laboratorio de Principios de Refrigeración y Aire Acondicionado Comercial e Industrial	Co-req. RAEM 220
RAEM 240	2	Fundamentos de Aire Acondicionado de Automóvil	RAEM 115, RAEM 115L, ETRA 160, ETRA 160L
RAEM 250	4	Seminario Profesional	Haber aprobado todos los cursos con Código RAEM, EMTE ETRA y MATH de los semestres anteriores -Co req. RAEM 240
ETRA 160	3	Fundamentos del Circuito Eléctrico	Co-req. MATH 120
ETRA 160L	1	Laboratorio de Fundamentos del Circuito Eléctrico	Co-req. ETRA 160
ETRA 190	4	Fundamentos de Sistemas Eléctricos y Controles para Refrigeración y Aire Acondicionado	ETRA 160, ETRA 160L
ETRA 190L	1	Laboratorio de Fundamentos de Sistemas Eléctricos y Controles para Refrigeración y Aire Acondicionado	Co-req. ETRA 190

PRELIMINARY ACADEMIC EVALUATION

SUBJECT TO CHANGE

Credits' Total:

_____ Approved
_____ Remaining

Student's Signature: _____ Date: _____

Academic Counselor's Signature: _____
Date: _____