



CURRICULAR SEQUENCE

First Year

First Semester				Second Semester			
Course	Credits	Approved	In Progress	Course	Credits	Approved	In Progress
INGS 201	3			EETE 223	3		
MATH 121*	3			EETE 223L	1		
ENGS 152*	3			MATH 151	4		
SPGS 152*	3			ENGS 153	3		
				SPGS 250	3		
Total	12			Total	14		

Second Year

First Semester				Second Semester			
Course	Credits	Approved	In Progress	Course	Credits	Approved	In Progress
CTEC 220	3			TCOM 350	3		
CTEC 220L	1			TCOM 350L	1		
TCOM 335	3			CTEC 230	3		
TCOM 335L	1			HUGS 101	3		
ECTE 122	3			Elective	4		
MATH 152+	4						
Total	15			Total	14		

Notes:

- * Students will be enrolled according to their College Board results or placement test.
- +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.
- Developmental courses to develop academic skills for students entering with some deficiency: MAGS 120 (I) Introductory Algebra (3 credits).
- Subject to change.



CURRICULUM

General Education Component - 21 credits

Course	Credits	Title	Requisites
MATH 121*	3	Intermediate Algebra	MAGS 120 or placement test
INGS 201	3	Introduction to Information, Research & Writing Skills	
ENGS 152*	3	Fundamentals of Reading and Writing	
SPGS 152*	3	Fundamentals of Reading and Writing	
HUGS 101	3	World Culture I	
ENGS 153	3	Fundamentals of Speaking, Reading and Writing II	ENGS 152
SPGS 250	3	Writing Techniques	SPGS 152

Core Component - 11 credits

Course	Credits	Title	Requisites
ECTE 122	3	Introduction to Computer Programming	Co – req MATH 152 o MATH 152 approved
MATH 151	4	Precalculus I	MAGS 121
MATH 152	4	Precalculus II	MATH 151

Major Component - 19 credits

Course	Credits	Title	Requisites
EETE 223	3	Foundations of Computer Electronics	Co – req MATH 121 or MATH 121 approved
EETE 223L	1	Laboratory of Foundations of Computer Electronics	EETE 223 (Coreq.)
CTEC 220	3	Fundamentals of Computers, Peripherals and Operating Systems	EETE 223
CTEC 220L	1	Lab. of Fund. of Computers, Peripherals and Operating Systems	Co-req. CTEC 220
TCOM 335	3	Principles of Telecommunications and Networking	EETE 223
TCOM 335L	1	Laboratory of Principles of Telecommunications and Networking	Co-req. TCOM 335
TCOM 350	3	Fundamentals of Networking Infrastructure Management	TCOM 335
TCOM 350L	1	Laboratory of Fundamentals of Networking Infrastructure Management	Co-req. TCOM 350
CTEC 230	3	Fundamentals of Intermediate Programming	MATH 152, ECTE 122

Electives - 4 credits

Course	Credits	Title	Requisites
MATH 221	4	Calculus I	MATH 152
EETE 225	4	Fundamentals of Microprocessors	EETE 223, EETE 223L

**PRELIMINARY ACADEMIC EVALUATION
SUBJECT TO CHANGE**

Credits' Total:

_____ Approved
_____ Remaining

Student's Signature: _____ Date: _____

Academic Counselor's Signature: _____
Date: _____