

## Não Higher Institute For Engineering & Technology Communication & Electronics Engineering Program Program Flight Plan 2021-2022



Index		Class Name Credit Engineering Mathe matics			General Education		
Fall: Semester #1			Hours				
Paic Semester#1	HUM 012		2		_		2
2	BAS 011	English Language (1) Mathematics (1)		-	3		-
1		Physics (1)	3	-	3	1	-
4		Engineering Chemistry	3	-	-	3	-
5	BAS 031	Engineering Chemistry Mechanics		-	-	3	-
- ;		General Requirements (Elective - A)			_	,	2
Spring: Semester#2		GENERAL REGULETER ELECTRIC P. P.	•			_	•
7	HUM 013	English Language (2)	2		-		2
8	BAS 012	Mathematics (2)	3		3		
9	BA\$ 022	Physics (2)	3			3	
10	HUM 011	Arabic Language	2	-			2
- 11	HUM 081	Computer Skills	0				0
12	MED 021	History of Engineering & Technology	- 1				- 1
13	MED 022	Principles of manufacturing engineering	2	- 1		- 1	
14	MED 011	Engineering drawing & Projection	3	2		- 1	
Fall: Semester #3							
15	ELP 112	Electrical Messurements and Testing	3	3			
16		Institute Requirements (Elective A)	2	2			
17	BAS 11	Mathematics (3)	3		3		
18		Electrical Material	3	- 1		2	
19	ELC 221	Computer Programming	3	3			
20		General Requirements (Elective - A)	2				2
21	EN 131	Monitoring & Quality Control Systems	,				
Spring: Semester #4							
22		Institute Requirements (Elective A)	2	2		-	
23	BAS 211	Mathematics (4)	3	-	3	-	
24	ELP 113	Electrical Circuits (1)	2	2			
25		Institute Requirements (Elective A)	2	2			
26	HUM 182	Analysis & Research Skills	2				2
27	BAS 212	Statistics & Probability Theory	3		3		
25		General Requirements (Elective - B)	2				2
Fall: Semester #5							
29	ELP 114	Electrical Circuits (2)	2	2			
30	ELC 311	Computer Organization & Architecture	3	3			
31	ELC 331	Computer Networks Modeling & Simulation or Engineering	3	3			
32	ELC 251		3	2			
33	BAS 311	Mathematics (5)	3		3		
34	HUM 111	Technical Report Writing	2				2
35	HUM 381	Principles of Negotiation	2				2
Spring: Semester #6							
36	ELP 181	Energy Conversion	3	3			
37	ELE 222	Electronic Devices	3	3			
35	ELE 221	Digital & Logic Circuits	3	3			
39		Signal Analysis	3	2	1		
40	ELP 141	Electromagnetic Fields	3	2	- 1		
- 41	HUM 181	Communication & Presentation Skills	2	-			2
Summer: Semester 97							
Fall: Semester #5	291	Field Training 1	1	1	-	-	_
			2	2			
43	EN 351	Engineering Economics	3	3	-	-	-
44		Electronic Circuits Power Electronics		3			
45	ELP 361		3	3			
46	ELP 241	Electrical Machines & Transformers					
47	ELE 241	Microprocessors & Applications	3 2	3	-	-	
- 45		General Requirements (Elective - A)	2		-	-	2
Spring: Semester #2	CW 331	Environmental Impact of Projects	-1		_	_	
Spring: Semester #2	EN 314	Project Management	2	-			-
50	EN 314 HUM 351	Professional Ethics	- 2		_		-
51	FLE 322	Electronics Engineering	3	3	-	<b>-</b> :-	
52	DLE 3/2	General Requirements (Elective - A)	2		-		2
53	ELE 361	Electrical Communications	3	2		<b>-</b> :-	-
55	ELP 321	Electrical Power	3	1			
55	ELC 361	Automatic Control Systems	3	3	-		
Summer: Semester #10	East 361						
57	391	Field Training 2	1	1	-	-	-
Fall: Semester #11			-				
58	ELE 461	Antenna & Wave Propagation	3	3		-	
59	ELE 471	Digital Signal Processing	3	3			
60	ELE 462	Digital Communication Systems	3	3			
61		Project #1	2	2	_		
62		Minor Requirements (Elective - A)	3	3	_		
63	HUM 101	Human Rights	1		_		-
Spring: Semester #12							
54	ELE 463	Mobile Communications	3	3		-	
65		Minor Requirements (Elective - A)	3	3		-	
65	ELE 411	Integrated Circuits Design	3	3			
67	ELE 492	Project #2	- 4	- 4			
		otal	165	96	23	16	30
						22	
		Information & Coding Theory	3	3		-	
	ELE 467	Satellite Communications	3	3		-	
	FI P 111	Principles of Electrical Engineering	2	2			

		tcome(*/ul		cide the table	1-00	
3. Eng Propriess Solving	Z. Eng. Design	Communica Se Effectively	6. Ethics and Prof.	S.Teans (IC- disc)	E.Develop and Conduct	7. Lea strate
		X				
					×	
	×				×	
×						
		- 1				
- 1						
×					×	
		- 4				
-		- 1		- 1		_
			×			
x	×					_
- 1						-
×	×	×	×		×	_
×						
		×				_
×		×		×	×	
		- 1	×	×		
×						
x		×			×	
_						
		- x				
	×	_				_
•	_					_
		×			×	
	×		×			
×	×	- x				
×				*	×	- >
×						
		×	×	- 1		
		- 1	×			
- 1		×		- 1		
×					×	
×		×		- 1	×	
		×			×	_
				•	•	_
	×	x x		×		-
						_
×			×		×	_
x			×			
		_	×			-
	×				×	-
		×			×	_
		×			×	_
×				×	×	^
						1
		ж	×			
я		ж	×			
		- 1	×			Г
x	×	- 1		×	×	
	-	-		-	-	_
	×	_	_	_	×	-
		_			×	-
	_	_	_		×	
		- x	×		×	_
*	×	×			×	1
- 1		×		×	×	
x		×	×	*	×	Т
1	×		×		×	-
	×	-	×	-	×	H.
	_		_ x	_	_	_
	×		×			╙
x x	×	x x	×	x	×	

×	×	×	×			
×	×					ж
- 1		×				
×	×					
- 1	×	- 1		- 1	×	
- 1	×					×
- 1	×					

Communication Program Chatemer
An ability in identify, formalize, and other complex engineeing problems by applying principles of engineeing, exince, and mathematics.  In the fields is apply engineeing actionary problems actioned the new procled models with constitution of policy, and without, as well as ploths, claimed, weight, engineering actions problems actioned to the engineering actions and action of the engineering actions and action of the engineering actions are actions as formed industries, which are not consider the most of the engineering actions are affected and effections of the claim and engineering actions are affected and effections of the claim and engineering actions are affected and effections and experimentally actions are affected and effections are affected and effections are affected and effections are affected and effections are affected as affections are affected as affected as affections are affected as
S. Analolly to develope a Control exponent experience in control experience in the control exper

