

أولاً: برنامج هندسة الاتصالات والمعلومات

Program of Communications and Information Engineering

Program Courses:-

Level (0)

Term 1						Term 2					
Code	Course Title	Weekly hours				Code	Course Title	Weekly hours			
		Cr.	Lc.	Tu.	Lab.			Cr.	Lc.	Tu.	Lab.
GEN0801	Math 1(*)	4	3	2		GEN0806	Linear algebra (*)	3	2	2	
GEN0802	Introduction to programming (*)	3	2		2	GEN0807	Physics 1 (*)	3	2	2	
GEN0803	English (*)	3	3	-		MEC0808	Economics of Engineering (*)	3	2	2	
GEN0804	Chemistry (*)	3	3			GEN0809	Humanities (*)	2	2	-	
MEC0805	Engineering Drawing	3	1	4		GEN0810	Italian Language (*)	3	3	-	
						MEC0811	Production Engineering	3	2	2	
		16						17			

• مقررات يجب دراستها للحصول على الشهادة من الجامعة الإيطالية.

Level (1)

Term 1						Term 2					
Code	Course Title	Weekly hours				Code	Course Title	Weekly hours			
		Cr.	Lc.	Tu.	Lab.			Cr.	Lc.	Tu.	Lab.
GEN1801	Math 2 (*)	4	3	2		CIE1807	Electronic systems and digital electronics (*)	4	3		2
GEN1802	Physics 2 (*)	3	2	2		CIE1808	Electromagnetic Fields and wave propagation (*)	4	3	2	
CIE1803	Analogue electronic I	3	2		2	GEN1809	Basic Mechanics (*)	3	2	2	
POW1804	Circuit Theory (*)	3	2	2		CIE1810	Programming Techniques (*)	3	2		2
GEN1805	Human rights	2	2	-		CIE1811	Analogue electronic II	3	2		2
GEN1806	Environmental studies	2	2	-							
		17						17			

• مقررات يجب دراستها للحصول على الشهادة من الجامعة الإيطالية.

Level (2)

Term 1						Term 2					
Code	Course Title	Weekly hours				Code	Course Title	Weekly hours			
		Cr.	Lc.	Tu.	Lab.			C r.	Lc.	Tu.	Lab.
GEN2801	Probability (*)	3	2	2		GEN 2806	Discrete math (*)	3	2	2	
CIE2802	Signal theory (*)	3	2	2		CIE2807	Microprocesso rs and microcontroller s	3	2		2
CIE2803	Data structures and algorithms (*)	3	2		2	CIE2808	Communicati on technologies (*)	4	3		2
GEN2804	Complex analysis (*)	3	2	2		CIE2809	Electronic Measurement (*)	3	2		2
CIE2805	Computer architecture (*)	3	2	2		GEN 2810	Technical writing (*)	2	2	-	
		15						1 5			

- مقررات يجب دراستها للحصول على الشهادة من الجامعة الإيطالية.
- يتم التدريب (Training) في الفصل الصيفي و يرصد ناجح/راسب في الفصل التالي.

Level (3)

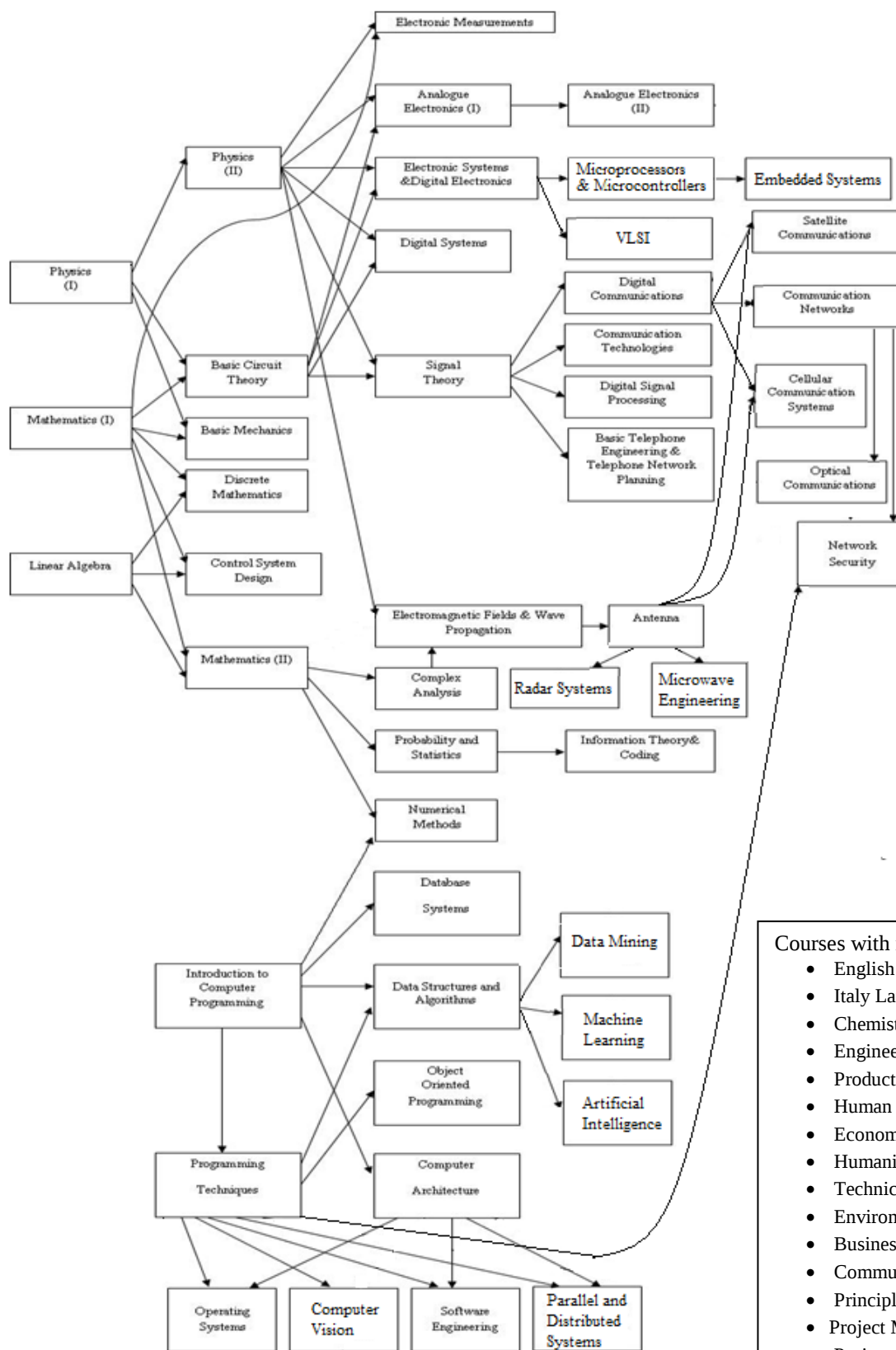
Term 1						Term 2					
Code	Course Title	Weekly hours				Code	Course Title	Weekly hours			
		Cr.	Lc.	Tu.	Lab.			Cr.	Lc.	Tu.	Lab.
CIE3801	Control system design (*)	4	3	2		CIE3805	Software engineering (*)	3	3		
CIE3802	Digital communications	3	2		2	CIE3806	Communication networks (*)	3	2		2
CIE3803	Numerical methods (*)	3	2	2		CIE3807	Operating systems (*)	3	2		2
CIE3804	Data base (*)	3	2		2	CIE3808	Object oriented programming (*)	3	2		2
	Elective I-1	2				CIE3809	Antennas	3	2	2	
		15						15			

• مقررات يجب دراستها للحصول على الشهادة من الجامعة الإيطالية.

Level (4)

Term 1						Term 2					
Code	Course Title	Weekly hours				Code	Course Title	Weekly hours			
		Cr.	Lc.	Tu.	Lab.			Cr.	Lc.	Tu.	Lab.
	Elective I-2	2					Elective II-3	3	2	2	
CIE4801	Digital signal processing	3	2	2			Elective II-4	3	2	2	
	Elective II-1	3	2	2			Elective II-5	3	2	2	
CIE4802	Information theory and coding	3	2	2			Elective II-6	3	2	2	
	Elective II-2	3	2	2			Elective II-7	3	2	2	
CIE4803	Graduation Project I (*)	2	-	4		CIE4803	Graduation Project II	2	-	4	
		16						17			

• مقررات يجب دراستها للحصول على الشهادة من الجامعة الإيطالية.



Courses with no pre-request:

- English Language
- Italy Language
- Chemistry
- Engineering Drawing and Projection
- Production Engineering
- Human Rights
- Economics of Engineering
- Humanities
- Technical writing
- Environmental Studies
- Business law
- Communication Skills and Marketing
- Principles of Safety
- Project Management
- Project