



### Computer Engineering

#### First Year First Term

No.	COURSE	
	CODE	TITLE
1	CMP 101A	Logic Design
2	CMP 102	Data Structures and Algorithms
3	ELC 125A	Electrical & Electronic Circuits
4	MTH 125A	Mathematics (2)
5	PHY 125A	Physics (2)
6	CVE 125	Civil Engineering
7	GEN 125*	Report Writing and Presentation Skills

\* Continuing course: Term work is added at the end of the second term.

#### Second Year First Term

No.	COURSE	
	CODE	TITLE
1	CMP 201A	Microprocessor Systems
2	CMP 202	Introduction to Database Management Systems
3	CMP 205	Computer Graphics and Man Machine Interface
4	ELC 225-1A	Electronics & Digital Electronic Circuits
5	EPM 225	Power Engineering
6	MTH 225A	Mathematics (3)
7	GEN 225*	Project Management & Economics

\* Continuing course: Term work is added at the end of the second term.

#### Third Year First Term

No.	COURSE	
	CODE	TITLE
1	CMP 301A	Computer Architecture
2	CMP 302	Design and Analysis of Algorithms
3	CMP 303A	Operating Systems
4	CMP**	Elective Course (1)
5	ELC 325-2	Communications Engineering
6	MTH 325	Numerical Analysis (3)
7	GEN 325*	Sales, Marketing and Communication Techniques

\* Continuing course: Term work is added at the end of the second term.

\*\* Elective Courses see Third Year Elective Courses' List.

#### Fourth Year First Term

No.	COURSE	
	CODE	TITLE
1	CMP 401	Advanced Database Systems
2	CMP 402A	Machine Intelligence
3	CMP 404*	Computer Security & Case Studies Consultation
4	CMP 405A	Computer Networks
5	CMP 407	Modeling and Simulation Techniques
6	CMP**	Elective Course (3)
7	CMP**	Elective Course (3)
8	CMP 480*	Project

\* Continuing course: Term work is added at the end of the second term.

\*\* Elective Courses see Fourth Year Elective Courses' List.

**Vice Dean  
for Education and Students Affairs**

**Prof. Sherine Mohy Eldin Wahba**