

SEMESTER <i>Third</i>	DEPARTMENT <i>General Engineering</i>	COURSE TITLE <i>Computer III</i>
COURSE CODE <i>EG305</i>	HOURS 3 UNITS 3	COURSE SPECIFICATIONS <i>Theoretical Contents</i>
1. Programming: <ul style="list-style-type: none"> ➤ Definitions of program and programming. ➤ Programming languages. ➤ Compilers. 		
2. Flowcharts: <ul style="list-style-type: none"> ➤ Introduction to flowcharts and their importance. ➤ Types of flowcharts for operations. ➤ Using flowcharts.. 		
3. Introduction to C Language: <ul style="list-style-type: none"> ➤ Variables and constants. ➤ Data types ➤ Arithmetic and logical operators and expressions. 		
4. C Structure: <ul style="list-style-type: none"> ➤ General construction of the program. ➤ Managing input/ output operators. ➤ Conditional operators (IF ELSE, THEN...) ➤ Loops (FOR , WHILE) ➤ Functions. ➤ Arrays. 		
References:		