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| 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> |
| <p>1. Programming:</p> <ul style="list-style-type: none"> ➤ Definitions of program and programming. ➤ Programming languages. ➤ Compilers. | | |
| <p>2. Flowcharts:</p> <ul style="list-style-type: none"> ➤ Introduction to flowcharts and their importance. ➤ Types of flowcharts for operations. ➤ Using flowcharts.. | | |
| <p>3. Introduction to C Language:</p> <ul style="list-style-type: none"> ➤ Variables and constants. ➤ Data types ➤ Arithmetic and logical operators and expressions. | | |
| <p>4. C Structure:</p> <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. | | |
| <p>References:</p> | | |