# Republic of Iraq <br> The Ministry of Higher Education <br> \& Scientific Research 

## Course Weekly Outline

| $\begin{aligned} & \sum_{\underset{\sim}{\infty}}^{2} \end{aligned}$ | Date | Topics Covered | Lab. Experiment Assignments | Notes |
| :---: | :---: | :---: | :---: | :---: |
| 1 |  | 1- Numbers SYSTEMS decimal Number Binary Number Octal Number Hexadecimal Number |  |  |
| 2 |  | 2- Conversions between system 1-2-1 decimal to Binary Conversion 1-2-2 Binary to decimal Conversion 1-2-3 decimal to Octal Conversion 1-2-4 Octal to decimal Conversion 1-2-5 decimal to Hexadecimal Conversion |  |  |
| 3 |  | 1-2-6 Hexadecimal to decimal Conversion <br> 1-2-7 Binary to Octal Conversion <br> 1-2-8 Octal d to Binary Conversion <br> 1-2-9 Binary to Hexadecimal Conversion <br> 1-2-10 Hexadecimal to Binary Conversion <br> 1-2-11 Octal d to Hexadecimal Conversion 1- <br> 2-12 Hexadecimal to Octal Conversion |  |  |
| 4 |  | 1-3 Arithmetic Operations 1-3- <br> 1 Addition <br> Addition in Binary <br> Addition in Octal <br> Addition in Hexadecimal |  |  |




Instructor Signature:
Dean Signature:

