**Subject: Mobile Wireless Communication**

**Stage: 4th class**

**Semester: 1st**

**University of Baghdad**

**Al-KhawarizmiEng.College**

**Dept. of Info. & Comm.**

**Academic year: 2022/2023**

**Syllabus Table for 1st-semester academic year**

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| --- | --- | --- | --- |
| No | Syllabus | No. of weeks | Remarks |
| 1 | Ch.1 Introduction to wireless communication standards  | 1 |  |
| 2 | Ch.2 wireless communications: an Introduction | 1 |  |
| 3 | Ch.3 wireless channel and fading | 2 |  |
| 4 | Ch .4 BER performance of wireless communication systems | 2 |  |
| 5 | Ch .5 Introduction to Diversity | 2 |  |
| 6 | Ch 6 Wireless channel and delay spread | 2 |  |
| 7 | Ch.7 Introduction to CDMA | 2 |  |
| 8 | Ch. 8 MIMO Communication Systems | 3 |  |
| **Text book 1: Theodores Rappaport, wireless communications: principles and practice.**  |
| **Lecturer Name:****Dr Lwaa Faisal** | **Scientific Degree:****Assistant Professor** | Signature: |