# Course Description Form

| 1. Course Name: |
|---|
| Distributed Systems |
| 2. Course Code: |
| |
| 3. Semester / Year: |
| 2nd / Fourth Year |
| 4. Description Preparation Date: |
| 06-02-2026 |
| 5. Available Attendance Forms: |
| Compulsory |
| 6. Number of Credit Hours (Total) / Number of Units (Total) |
| 45 Hours (Theory) / 3 Units |
| 7. Course administrator's name (mention all, if more than one name) |
| Name: Dr. Jamal M. Kadhim<br>Email: jamal.mohammed@nahrainuniv.edu.iq |
| 8. Course Objectives |

| | |
|---|---|
| **Course Objectives** | *Understanding Computer distributed systems (e.g., Internet).*<br>*- Understanding how to write distributed applications and how they work.* |

| 9. Teaching and Learning Strategies | |
|---|---|
| **Strategy** | Lectures, problem classes |

10. Course Structure

| Week | Hours | Required Learning Outcomes | Unit or subject name | Learning method | Evaluation method |
|---|---|---|---|---|---|
| 1 | 3 | | Introduction | Formal Lectures | Class Activity |
| 2 | = | | Systems Models | = | Class Activity |
| 3 | = | | System Models | = | Class Activity |
| 4 | = | | Networking Review | = | Class Activity |

| | | | | | |
|---|---|---|---|---|---|
| 5 | = | | Interprocess Comm. | = | Class Activity |
| 6 | = | | Interprocess Comm. | = | Class Activity |
| 7 | = | | First Mid-Exam | = | |
| 8 | = | | Remote Invocation | = | Class Activity |
| 9 | = | | Remote Invocation | = | Class Activity |
| 10 | = | | Distributed Objects components | = | Class Activity |
| 11 | = | | Web Services | = | Class Activity |
| 12 | = | | Second mid-exam | = | Class Activity |
| 13 | = | | Peer-to-peer systems | = | Class Activity |
| 14 | = | | Distributed File Syste and Name Services | = | Class Activity |

## 11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc

## 12. Learning and Teaching Resources

| | |
|---|---|
| Required textbooks (curricular books, if any) | (Distributed.Systems.Concepts.and.Design,.5ed).Coulouris,.Dollimore,.Kindberg,.Blair |
| Main references (sources) | |
| Recommended books and references (scientific journals, reports…) | |
| Electronic References, Websites | |