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|------------------------------|--|----------------------------|
| Syrian Arab Republic         | <br>الجامعة الافتراضية السورية<br>SYRIAN VIRTUAL UNIVERSITY | الجمهورية العربية السورية  |
| Ministry of Higher Education |  | وزارة التعليم العالي       |
| Syrian Virtual University    |  | الجامعة الافتراضية السورية |

## Course Definition:

### 1- Basic Information:

|                                       |                      |
|---------------------------------------|----------------------|
| Course Name                           | Software Enjeneering |
| Course ID                             | SE                   |
| Contact Hours (Registered Sessions)   | 6                    |
| Contact Hours (Synchronized Sessions) | 18                   |
| Mid Term Exam                         | 3                    |
| Exam                                  | 1:30                 |
| Registered Sessions Work Load         | 0                    |
| Synchronized Session Work Load        | 24                   |
| Credit Hours                          | 3                    |

### 2- Pre-Requisites:

| Course | ID |
|--------|----|
|        |    |

### 3- Course General Objectives:

Explaining the concept of software engineering to students by reviewing the most important stages of the software acheivement from the beginning of defining the requirements to the stage of delivery of the software to the customer. Focus on time management - effort and cost as well as software quality.

### 4- Intended Learning Outcomes (ILO):

| Code | Intended Learning Outcomes |
|------|----------------------------|
| ILO1 | Software Enjeneering Intro |
| ILO2 | software acheivement steps |
| ILO3 | time management            |
| ILO4 | Effort management          |
| ILO5 | Cost management            |
| ILO6 | Quality management         |

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|             |           |
|-------------|-----------|
| <b>ILO7</b> | Exercises |
|-------------|-----------|

## 5- Course Syllabus (18 hours of total synchronized sessions)

- **RS:** Recorded Sessions; **SS:** Synchronized Sessions;

| ILO  | Course Syllabus            | RS | SS   | Type        | Additional Notes |
|------|----------------------------|----|------|-------------|------------------|
| ILO1 | Software Enjeneering Intro | 0  | 3    | assignments | Exercises        |
| ILO2 | software acheivement steps | 0  | 1:30 | assignments | Exercises        |
| ILO3 | time management            | 3  | 3    | assignments | Exercises        |
| ILO4 | Effort management          | 3  | 3    | assignments | Exercises        |
| ILO5 | Cost management            | 0  | 1:30 | assignments | Exercises        |
| ILO6 | Quality management         | 0  | 3    | assignments | Exercises        |
| ILO7 | Exercises                  | 0  | 3    | assignments | Exercises        |

## 6- Assessment Criteria (Related to ILOs)

|      |  |    |               |     |         |
|------|--|----|---------------|-----|---------|
| ISC  | Interactive Synchronized Collaboration     | Ex | Exams         | Rpt | Reports |
| PF2F | Presentations and Face-to-Face Assessments | PW | Practice Work |     |         |

| ILO Code | ILO                        | Intended Results | Assessment Type |    |    |      |     |
|----------|----------------------------|------------------|-----------------|----|----|------|-----|
|          |                            |                  | ISC             | PW | Ex | PF2F | Rpt |
| ILO1     | Software Enjeneering Intro |                  | ✓               |    | ✓  |      |     |
| ILO2     | software acheivement steps |                  | ✓               |    | ✓  |      |     |
| ILO3     | time management            |                  | ✓               | ✓  | ✓  |      |     |
| ILO4     | Effort management          |                  | ✓               | ✓  | ✓  |      |     |

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|             |                    |  |   |   |   |   |   |
|-------------|--------------------|--|---|---|---|---|---|
| <b>ILO5</b> | Cost management    |  | ✓ | ✓ | ✓ |   |   |
| <b>ILO6</b> | Quality management |  | ✓ | ✓ | ✓ | ✓ | ✓ |
| <b>ILO7</b> | Exercises          |  | ✓ | ✓ | ✓ |   | ✓ |