

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

BACT Final Project Course Definition File

1- Basic Information:

| | |
|--|--------------------|
| Course Name | BACT Final Project |
| Course ID | CPR401 |
| Contact Hours (Registered Sessions) | 24 |
| Contact Hours (Synchronized Sessions) | 24 |
| Mid Term Exam | There is not |
| Exam | 2 |
| Registered Sessions Work Load | 125 |
| Synchronized Session Work Load | 125 |
| Credit Hours | 12 |

2- Pre-Requisites:

| BACT Final Project ID | Prerequisite ID |
|--|--------------------------------|
| CPR401 in RF & Microwave Communications (RMC) | CEE308/ CRF402/ CRF403/ GBS104 |
| CPS401 in Communications Services & Business (CSB) | CCN401/ CCN403/ GBS104 |
| CPM401 in Mobile Communications Systems (MCS) | CEE308/ CCS402/ CCS404/ GBS104 |

3- Course General Objectives:

The final project aims at integrating the technical and managerial knowledge acquired by students during the study of different courses of the academic BACT program, to work on a technical and practical subject, in a team, during the last semester, to learn how to execute a project by following all stages of the lifecycle of a project, starting from the requirements, passing to the implementation, and ending by test and verification. Students will be able to write a technical report, containing all necessary references needed in the project, as well as giving a presentation at the final stage of the project.

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

4- Intended Learning Outcomes (ILO):

| Code | Intended Learning Outcomes |
|------|---|
| ILO1 | Understanding the basics of the final project. |
| ILO2 | How to acquire the project requirements. |
| ILO3 | Mastering how to write a project proposal. |
| ILO4 | Mastering how to write a reference/literature study of the project. |
| ILO5 | Mastering the analytical study of the project. |
| ILO6 | Mastering how to write a technical report. |
| ILO7 | Learning documentation and references writing. |
| ILO8 | Mastering presentation skills. |
| ILO9 | Mastering Microsoft Word skills to write a technical report. |

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

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

| ILO | Course Syllabus | RS | SS | Type | Additional Notes |
|------|-------------------------------------|-----|-----|--|------------------|
| ILO1 | Basics of Final project | 3 | 3 | <input checked="" type="checkbox"/> Projects | |
| ILO2 | Requirements | 1.5 | 1.5 | <input checked="" type="checkbox"/> Projects | |
| ILO3 | Project proposal | 1.5 | 1.5 | <input checked="" type="checkbox"/> Projects | |
| ILO4 | Reference/literature study | 3 | 3 | <input checked="" type="checkbox"/> Projects | |
| ILO5 | Analytical study | 1.5 | 1.5 | <input checked="" type="checkbox"/> Projects | |
| ILO6 | Report | 4.5 | 4.5 | <input checked="" type="checkbox"/> Projects | |
| ILO7 | Documentation and references | 3 | 3 | <input checked="" type="checkbox"/> Projects | |
| ILO8 | Presentation | 3 | 3 | <input checked="" type="checkbox"/> Projects | |
| ILO9 | Microsoft Word skills | 3 | 3 | <input checked="" type="checkbox"/> Projects | |

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

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 | Understanding the basics of the final project. | | | | | X | X |
| ILO2 | How to acquire the project requirements. | | | | | X | X |
| ILO3 | Mastering how to write a project proposal. | | | | | X | X |
| ILO4 | Mastering how to write a reference/literature study of the project. | | | | | X | X |
| ILO5 | Mastering the analytical study of the project. | | | | | X | X |
| ILO6 | Mastering how to write a technical report. | | | | | X | X |
| ILO7 | Learning documentation and references writing. | | | | | X | X |
| ILO8 | Mastering presentation skills. | | | | | X | X |
| ILO9 | Mastering Microsoft Word skills to write a technical report. | | | | | X | X |

7- Practice Tools:

| Tool Name | Description |
|-----------|-------------|
| | |

8- Main References

| |
|--|
| |
|--|

9- Additional References

| |
|--|
| |
| |
| |