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| QF01/0408-4.0E | Course Plan for Bachelor program - Study Plan Development and Updating Procedures/ Cyber Security Department |
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|----------------|---|--|---|
| Study plan No. | 2021/2022 | University Specialization | Cybersecurity |
| Course No. | 0125362 | Course name | Selected Topics in Cybersecurity |
| Credit Hours | 3 | Prerequisite Co-requisite | Department Approval |
| Course type | <input type="checkbox"/> MANDATORY UNIVERSITY REQUIREMENT <input type="checkbox"/> UNIVERSITY ELECTIVE REQUIREMENTS | <input type="checkbox"/> FACULTY MANDATORY REQUIREMENT <input type="checkbox"/> Support course family requirements | <input type="checkbox"/> Mandatory requirements <input checked="" type="checkbox"/> Elective requirements |
| Teaching style | <input type="checkbox"/> Full online learning | <input type="checkbox"/> Blended learning | <input checked="" type="checkbox"/> Traditional learning |
| Teaching model | <input type="checkbox"/> 2Synchronous: 1asynchronous | <input type="checkbox"/> 2 face to face : 1synchronous | <input type="checkbox"/> 3 Traditional |

Faculty member and study divisions information (to be filled in each semester by the subject instructor)

| Name | Academic rank | Office No. | Phone No. | E-mail | |
|-----------------|---------------|------------|--------------------|----------------|----------------|
| | | | | | |
| | | | | | |
| Division number | Time | Place | Number of students | Teaching style | Approved model |
| | | | | | |
| | | | | | |
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Brief description

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| Advanced topics in Cybersecurity prepared by faculty staff and with department approval. |
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Learning resources

| | |
|---|---|
| Course book information (Title, author, date of issue, publisher ... etc) | |
| Supportive learning resources (Books, databases, periodicals, software, applications, others) | 1 2 3 |
| Supporting websites | |
| The physical environment for teaching | <input type="checkbox"/> Class room <input type="checkbox"/> labs <input type="checkbox"/> Virtual educational platform <input type="checkbox"/> Others |
| Necessary equipment and software | |
| Supporting people with special needs | |
| For technical support | E-learning and Open Educational Center. Computer Center |

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Course learning outcomes (S= Skills, C= Competences K= Knowledge,)

| No. | Course learning outcomes | The associated program learning output code |
|--------------------|--------------------------|---|
| Knowledge | | |
| K1 | | |
| K2 | | |
| K3 | | |
| K4 | | |
| Skills | | |
| S1 | | |
| S2 | | |
| S3 | | |
| S4 | | |
| Competences | | |
| C1 | | |
| C2 | | |
| C3 | | |
| C4 | | |

Mechanisms for direct evaluation of learning outcomes

| Type of assessment / learning style | Fully electronic learning | Blended learning | Traditional Learning (Theory Learning) | Traditional Learning (Practical Learning) |
|--|---------------------------|------------------|--|---|
| First exam | 0 | 0 | %20 | 0 |
| Second / midterm exam | %30 | %30 | %20 | 30% |
| Participation / practical applications | 0 | 0 | 10 | 30% |
| Asynchronous interactive activities | %30 | %30 | 0 | 0 |
| final exam | %40 | %40 | %50 | 40% |

Note: Asynchronous interactive activities are activities, tasks, projects, assignments, research, studies, projects, work within student groups ... etc, which the student carries out on his own, through the virtual platform without a direct encounter with the subject teacher.

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Schedule of simultaneous / face-to-face encounters and their topics

| Week | Subject | learning style* | Reference ** |
|------|------------|-----------------|--------------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | Final Exam | | |

* Learning styles: Lecture, flipped learning, learning through projects, learning through problem solving, participatory learning ... etc.

** Reference: Pages in a book, database, recorded lecture, content on the e-learning platform, video, website ... etc.

Schedule of asynchronous interactive activities (in the case of e-learning and blended learning)

| Week | Task / activity | Reference | Expected results |
|------|-----------------|-----------|------------------|
| 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| 6 | | | |
| 7 | | | |
| 8 | | | |
| 9 | | | |
| 10 | | | |
| 11 | | | |
| 12 | | | |
| 13 | | | |
| 14 | | | |
| 15 | | | |
| 16 | | | |