

نموذج مصفوفة ارتباط المواد الدراسية بأساليب والتعلم وطرائق التقويم - إجراءات إعداد الخطة الدراسية وتحديثها / قسم علم الحاسوب	QF01/0415-3.0
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الكلية	العلوم وتكنولوجيا المعلومات	القسم	علم الحاسوب	التخصص	علم الحاسوب
الخطة الدراسية رقم	2022-2021	تاريخ الاعتماد	2021/7/28	عدد مواد التخصص	27

ملاحظة: يستخدم هذا النموذج لمواد التخصص فقط.

Methods of Measurement and Evaluation	Applied Teaching Methods	Course's Name	Course's Number
<p>1. Formative Evaluation <u>To conduct a continuous evaluation during the study in order to collect an appropriate evidence to help identify the level of progress that has occurred in achieving the learning outcomes (quizzes, tasks and assignments, monthly and midterm exams, and research projects).</u></p> <p>2. Summative Evaluation <u>To identify the level of students' achievement of the course learning outcomes as a whole, and the end-of-semester exams.</u></p> <p>Performance based assessment Presentation and presentation discussion and debate pen and paper Classroom quizzes and exams questions with specific answers</p>	<p>1. Direct methods: they use the lecture method, questions and answers, workbooks/worksheets, presentation, research seminar, trainings and exercises.</p> <p>2. Indirect methods: They also represent a university course, but by using discussions and conversations, problem-solving and the guided discovery method.</p> <p>3. Interactive methods: such as paired learning, small groups, and cooperative learning.</p> <p>Direct teaching: lecture questions and answers workbooks/worksheets</p>	<p>1. Discrete Mathematics</p> <p>3. Principles of Programming</p> <p>4. Object Oriented Programming</p> <p>5. Digital Logic Design</p> <p>6. Computer Organization and Architecture</p> <p>7. Data Structures</p> <p>8. Operating Systems</p> <p>9. Algorithms</p> <p>10. Computation Theory</p> <p>11. Operations Research</p> <p>12. Database Systems Programming</p> <p>13. Distributed Systems</p> <p>14. Game Programming</p> <p>15. Digital Image and Multimedia Programming</p> <p>16. Mobile Device Programming</p> <p>17. Methodology for Preparing and Documenting</p>	<p>0112110</p> <p>0112120</p> <p>0112220</p> <p>0112131</p> <p>0112233</p> <p>0112212</p> <p>0112333</p> <p>0112313</p> <p>0112241</p> <p>0112250</p> <p>0112351</p> <p>0112350</p> <p>0112355</p> <p>0112356</p> <p>0112424</p> <p>0112470</p>

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Multiple choice questions matching questions Right and wrong questions Open-ended questions Complementary questions short answer problem solving questions Observation communication questions and answers	Demo	Computer Projects	
	Workouts and exercises	18. Practical Training	0112490
	reading activities	19. Graduation Project	0112472
	Problem solving and investigation	20. 2D and 3D Graphics Design	0112321
	Individual or group learning:	21. Data Communications and Security	0112252
	Discussion	22. Modeling and Simulation	0112253
	interview	23. Big Data	0112254
	group cooperative learning	24. Special Programming Language	0112421
	Teamwork	25. Embedded Systems	0112434
		26. Internet of Things	0112435
		27. Selected Topics in CS I	0112482
		28. Selected Topics in CS II	0112483

	اعتمد من قبل لجنة الخطة الدراسية	في اجتماع اللجنة رقم	
	اعتمد في مجلس القسم رقم	تاريخ الاجتماع	
	توقيع رئيس القسم	توقيع عميد الكلية	