



جدول الدروس الاسبوعي

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| اسم المادة | البرمجة المهيكلية | | | |
| مقرر الفصل | | | | |
| الهدف العام للمقرر | Understanding computers and learning the basics of coding and helps students to develop an appreciation of how things work. It also teaches them how programmer use math, programming skills to solve problems in a logical and creative way. | | | |
| الأهداف الخاصة | | | | |
| الكتب المنهجية | 1-Beginning C++ Programing. 2-The C++ programing language. 3-Solved Programming in C++. 4-C++: The Complete Reference. | | | |
| المصادر الخارجية | 1- https://www.tutorialspoint.com/cplusplus/cpp_data_types.htm 2- https://www.w3schools.com/CPP/default.asp | | | |
| تقديرات الفصل | الفصل الدراسي | المختبر | الامتحانات اليومية | المشروع |
| | 20 | 10 | 10 | 60 |
| معلومات اضافية | | | | |

جمهورية العراق
وزارة التعليم العالي والبحث العلمي
جهاز الاشراف والتقييم العلمي



الجامعة: كلية شط العرب الجامعة
الكلية: كلية شط العرب الجامعة
اسم القسم: علوم الحاسبات
المرحلة: الاولى
اسم المحاضر الثلاثي: حيدر ناصر خريبط
اللقب العلمي: أستاذ مساعد
المؤهل العلمي: دكتوراه
مكان العمل: كلية شط العرب الجامعة

جدول الدروس الاسبوعي

| الاهداف | المادة العلمية | المادة النظرية | التاريخ | الاسبوع |
|---------|--|--|------------|---------|
| | Create computer program in C++ and learn how to setup Code::Blocks open-source cross-platform | Algorithms | 1/11/2021 | 1 |
| | Write the basic program in C++ | Flowcharts | 8/11/2021 | 2 |
| | Write program about Variable Types, Data Types, Variable Scope | Variable Types, Data Types, Variable Scope | 15/11/2021 | 3 |
| | Example about Variable Declaration, Variable initialization, expression and basic input and output variable initialization | Variable Declaration, Variable initialization, expression and basic input and output variable initialization | 22/11/2021 | 4 |
| | Examples about all types of Operators | Operators, Arithmetic Operators, Relational Operators | 29/11/2021 | 5 |
| | Examples about Increments and Decrements | Logical Operators, Increments and Decrements | 6/12/2021 | 6 |
| | Examples about Decision making (if statement) | Decision making (if... Statement, if...else statement) | 13/12/2021 | 7 |
| | Examples about Decision making (nested if statements) | Decision making(nested if statements) | 20/12/2021 | 8 |
| | Examples about Decision making | Decision making(switch statement) | 27/12/2021 | 9 |

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| | (switch statement)) | | | |
| | Examples about Loop Types (while loop, for loop) | Loop Types (while loop, for loop) | 3/01/2022 | 10 |
| | Examples about Loop Types (while loop, for loop) | Loop Types (do...while loop) | 10/01/2022 | 11 |
| | Examples about Loop Types (nested loops) | Loop Types (nested loops) | 17/01/2022 | 12 |
| | Examples about Loop Types (break, continue , and goto) | Loop Control (break, continue , and goto) | 24/01/2022 | 13 |
| | Examples about Functions (Type, Function Name, Parameters, and Function Body) | Functions(Return Type, Function Name, Parameters, and Function Body) | 31/01/2022 | 14 |
| | Examples about Functions (Function Declarations, Calling a Function) | Functions(Function Declarations, Calling a Function) | 7/02/2022 | 15 |
| | Functions examples | Functions examples | 14/02/2022 | 16 |
| | Examples about Arrays | Arrays (Single-dimensional Arrays ,Declaring Arrays, Initializing Arrays, Accessing Array Elements) | 21/02/2022 | 17 |
| | Examples about Multi-dimensional Arrays | Arrays (Multi-dimensional Arrays) | 28/02/2022 | 18 |
| | Examples about all types of arrays | Arrays Examples | 7/03/2022 | 19 |
| | Examples about all types of arrays | Arrays Examples | 14/03/2022 | 20 |
| | Examples about Character String | The C-Style Character String | 21/3/2022 | 21 |
| | Examples about Pointers | Pointers (What are Pointers, Using Pointers in C++, Null Pointers) | 28/3/2022 | 22 |
| | Examples about Pointers | Pointers (Pointer Arithmetic, Pointers vs Arrays,Array of Pointers) | 4/4/2022 | 23 |
| | Examples about Pointers | Pointers (Pointer to Pointer, Passing Pointers to | 11/4/2022 | 24 |

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| | | Functions,Return Pointer from Functions) | | |
| | Examples about Pointers | Pointers Examples | 18/04/2022 | 25 |
| | Examples about Pointers | Pointers Examples | 25/04/2022 | 26 |
| | Examples about References(Referenc es vs Pointers, Creating References in C++) | References (References vs Pointers, Creating References in C++) | 2/05/2022 | 27 |
| | Examples about References(Referenc es as Parameters, Reference as Return Value) | References (References as Parameters, Reference as Return Value) | 9/05/2022 | 28 |
| | Examples about References | References Examples | 16/05/2022 | 29 |
| | Examples about References | References Examples | 23/05/2022 | 30 |

توقيع رئيس القسم:

توقيع الاستاذ: