	Delivery Plan (Weekly Syllabus)
	المنهاج الأسبوعي النظري
	Material Covered
Week 1	Problem solving Algorithms What is programming?
Week 2	Basic elements of C++ General Form of a C++ Program Comments
Week 3	Reserved Words Identifiers Variables and constant Data Types
Week 4	Arithmetic Operators and Operator Precedence Expressions
Week 5	Assignment Statement Declaring and Initializing Variables
Week 6	Input and output
Week 7	Control Structures Relational Operators and precedence
Week 8	Selection Selection: if and if...else
Week 9	Compound (Block of) Statements
Week 10	Multiple Selections: Nested if
Week 11	Selection: Switch case
Week 12	Repetition for Looping Structure
Week 13	User-defined functions Function declarations and call
Week 14	User-defined functions Function declarations and call
Week 15	General Discussion
Week 16	**Preparatory week before the final Exam**

Delivery Plan (Weekly Lab. Syllabus)

المنهاج الاسبوعي للمختبر

	Material Covered
Week 1	Lab 1: Basic elements of C++
Week 2	Lab 2: Variables and constant
Week 3	Lab 3: Expressions
Week 4	Lab 4: Declaring and Initializing Variables
Week 5	Lab 5: : if and if...else
Week 6	Lab 6: Switch case
Week 7	Lab 7: for Looping

Learning and Teaching Resources

مصادر التعلم والتدريس

	Text	Available in the Library?
Required Texts	1. Problem solving with c++ by Walter Savitch, 7th edition,2009. 2. C++: The Complete Reference by Herbert Schildt, 4th edition, 2003	
Recommended Texts	A first book of c++ by Gary Bronson, 4th edition, 2012 by Gary Bronson	
Websites		

Grading Scheme

مخطط الدرجات

Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	A - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	FX – Fail	راسب (قيد المعالجة)	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required

Note: Marks Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.