# Introduction to Modern C++ Course Outline

Ryan Baker

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## Week 1: Introduction to C++

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	2.2	The C++ Philosophy
	2.3	C++ vs. Other Languages
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		3.1.2 Compiler
	3.2	"Hello, World!" Example
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		4.1.2 Statements and Expressions
	4.2	Foundational Concepts
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	5.2	Primitive Types
	5.3	Declaration and Definition
		5.3.1 Assignment Operator =
		5.3.2 Brace Initialization {}
	5.4	Arithmetic Operators
	5.4	Arithmetic Operators

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		1.2.3 File Inclusion	:
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		Encapsulation
	1.3	Inheritance
		1.3.1 virtual Functions
		1.3.2 Interfaces
	1.4	Polymorphism
	1.5	Composition // not usually included
<b>2</b>		erator Overloading
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