Activities in Module 12

Module 12: Inheritance & Polymorphism

* ✓ Learn about Inheritance
* ✓ Create Class Hierarchies
* ✓ Write base and derived classes
* ✓ Learn about polymorphism
* ✓ Redefine base class functions/Overload functions
* ✓ Multiple Inheritance

Reading

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| Assignment Reading 12 | |
|  | Module 12: Classes and Objects 12.1 Derived classes 12.2 Access by members of derived classes 12.3 Overriding member functions 12.4 Abstract classes: Introduction (generic) 12.5 Abstract classes 12.6 Is-a versus has-a relationships 12.7 Polymorphism and virtual member functions 12.8 UML 12.9 C++ example: Employees and overriding class functions 12.10 C++ example: Employees using an abstract class |

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| Table of Activities | | |
| **Activity Name** | **Points Possible** | **Meets Competency** |
| **Reading 12** | 95 |  |
| **Derived Class Assignment** | 100 | 4.4, 4.5, 4.6, 7.1 |
| **Class Hierarchy Assignment** | 100 | 7.5 |