

Title	Object Oriented Programming Lab
Code	CMP-343
Credit Hours	1
Category	Computing
Prerequisite	CMP-340: Programming Fundamentals
Co-Requisite	None
Follow-up	None
Course Description	Topics: Implementation of the concepts studied in "CMP244 - Object Oriented Programming", Review of Data Driven Programming, Defining Classes and Object Initialization: setter/getter, Constructor/Destructor, Resource Allocation/De-Allocation, const data members and function, Composition, Aggregation, Friend function/classes, Generalization, Multilevel/Multiple Inheritance, Runtime Polymorphism, Singleton/Proxy/Adapter Pattern, Adhoc Polymorphism: Templates, Stream I/O, File Processing, Exception Handling
Text Book(s)	
Reference Material	