

<b>Title</b>	<b>Object Oriented Programming Lab</b>
<b>Code</b>	<b>CMP-343</b>
<b>Credit Hours</b>	1
<b>Category</b>	Computing
<b>Prerequisite</b>	CMP-340: Programming Fundamentals
<b>Co-Requisite</b>	None
<b>Follow-up</b>	None
<b>Course Description</b>	<b>Topics:</b> 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
<b>Text Book(s)</b>	
<b>Reference Material</b>	