



نام دوره: ++C (O.O.P)

مدت زمان: ۳۶ ساعت

پیشنیاز: زبان C مقدماتی

- Data Abstraction, Encapsulation, Inheritance, Polymorphism
- Class & Object (Constructor انواع , destructor , private, public, protected, const methods, automatic inline methods, pointer data members)
- Function Over loading
- Dynamic Memory Allocation (new, delete)
- Class Objects As Function Pavements (copy constructor)
- Reference & data slicing
- This, const this pointer, static data members & static methods operator overloading
- Conversion constructor , conversion operators
- Friend functions & function Overriding & polymorphism
- Virtual base class
- Pure virtual functions & abstract classes
- Function & class templates
- Exception handing
- Namespace
- Pointer to methods