



Title: Incorporating industry into Object Oriented Programming in order to provide a sustainable learning process

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Course schedule weekly

Week One: Course aims and objectives, Introduction to OOP concepts

Week Two: Designing OOP solution: Static aspect of OOP, UML diagrams (Use case diagrams and Class diagrams)

Week Three: Designing OOP solution: Dynamic aspect of OOP, UML diagrams (Sequential diagrams and Activity diagrams)

Week Four: Implementing classes and methods in Visual Studio

Week Five: Class hierarchies

Week Six: Implementing object interaction

Week Seven: Collection of Objects

Week Eight: Implementing data access layers

Week Nine: Working with databases through Visual Studio

Week Ten: GUI concepts