





## Why UML in This Course For simple programs (such as homework in many courses), it works, sort of, to just focus on code — writing it, or reading it. Often there's not really a requirements analysis phase. For larger programs it helps to pay more attention to analysis and design. Also, large and complex systems are difficult for humans to understand. Abstracting out key features ("modeling") and representing pictorially helps. Doing this in some systematic way helps more. UML is not the only imaginable way to do this, but it's one way. Design projects in this course are intended as small-scale versions of "real" development project — so, a chance to practice working in groups, doing a somewhat formal analysis/design, using UML diagrams, ...

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