Software design process and its models, representations of design/architecture, software architectures and design plans, design methods, design state assessment, design quality assurance, design verification.

CS446 / ECE452 / CS646 / SE464

Software Design and Architectures

Instructor: Andrew Malton
                 DC2119
                 x5144
                 ajmalton@uwaterloo.ca

Meetings: RCH205 MW 13.0 – 14.20

Assistants: Troy Gonsalves   tgonsalv@uwaterloo.ca
                 Chris Mennie   camennie@uwaterloo.ca

Tutorials: MC 4063 F 14.30 – 15.30

Web Site: student.math/~cs446
Newsgroup: uw.cs.cs446

Topics

Software Architectures
 layered, pipelined, servers, etc.
Software Process
 estimation, planning
Software Design Strategies
 object-oriented
 function-oriented
 programming languages
 design tools