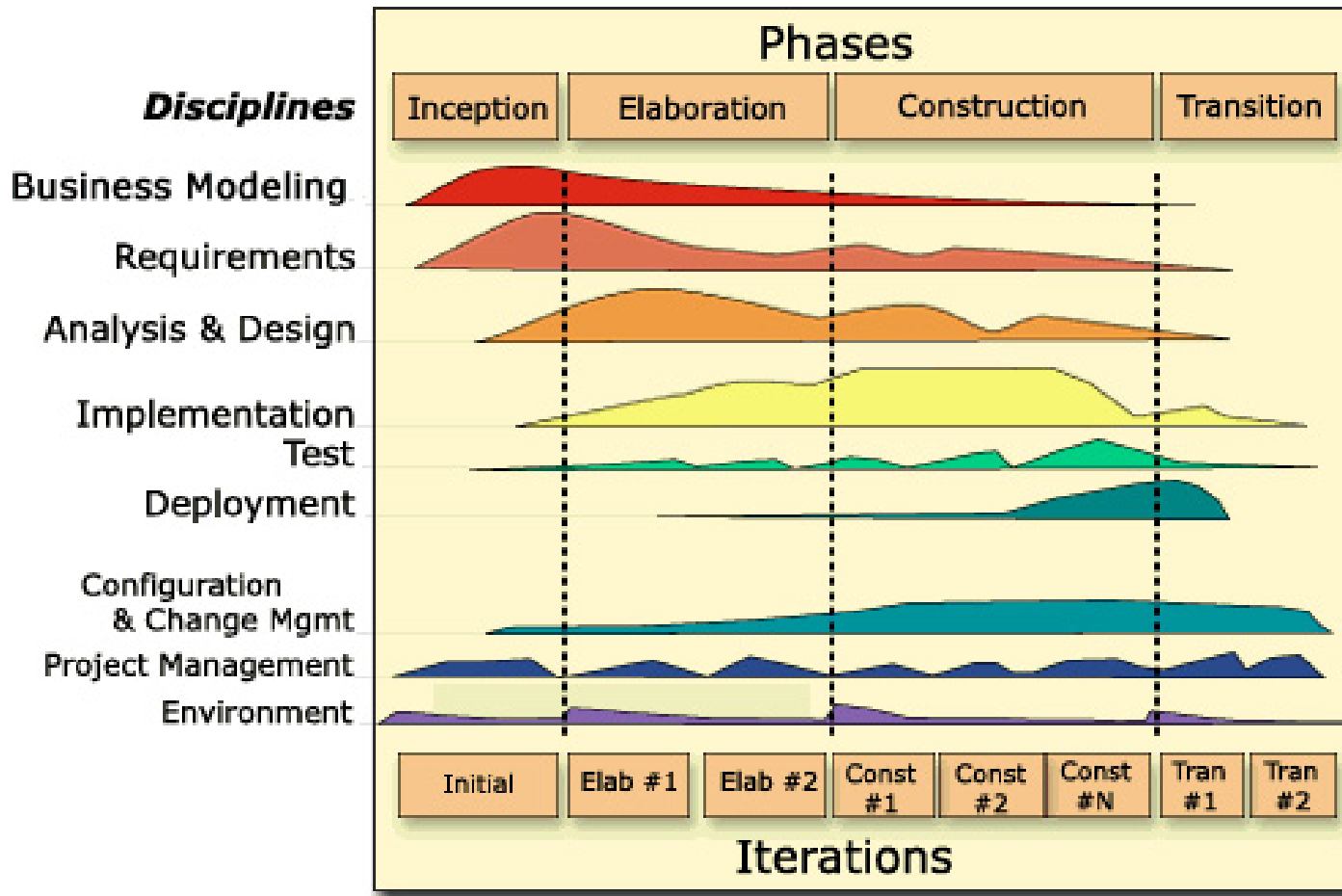


Rational Unified Process (RUP) Model



P. Kruchten, 1999

About RUP

- ⇒ RUP comes from a history of UP and OO techniques, as well as, the IDE efforts of various groups that merged
- ⇒ RUP is heavily supported by an integrated toolset
- ⇒ RUP is intended to be a more formal and mature(ala CMMI) approach to development
- ⇒ RUP has been used successfully on many large projects
- ⇒ It's basic principles are:
 - ↳ Develop software iteratively
 - ↳ Manage requirements
 - ↳ Use component-based architectures
 - ↳ Visually model software
 - ↳ Verify software quality
 - ↳ Control changes to software

Agile: SCRUM

- ⇒ Self-organizing teams
- ⇒ Product progresses in a series of month-long “sprints”
- ⇒ Requirements are captured as items in a list of “product backlog”
- ⇒ No specific engineering practices prescribed
 - ↳ Leading to Scrum-But process models

SCRUM Process Model

