COMP 4050 - Project Management

Calendar Description: Introduction to the issues involved in managing large, complex software projects.
Prerequisite: COMP 3350

Outline

1) Software development process (1 week)
   Business plan, requirements definition, analysis, design, and implementation
2) Tools for project management (3 weeks)
   Estimates, resource management and tracking (CPM/Pert charts), leadership and people management
3) Risk Management (2 weeks)
   Issues in risk management, analysis of why projects succeed or fail
4) Quality assurance (3 weeks)
   System testing, role of the quality assurance team
5) Project performance monitoring (2 weeks)
   Project metrics and progress, comparisons across projects
6) Other issues (2 weeks)

Text: Jim Highsmith, *Agile Project Management*, Addison-Wesley