

SE 2A04 Fall 2001

11. Project Management

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Useful Ideas

- Plan for change
- Separation of concerns
 - Especially design and implementation
- Surgical team
- Prototyping
- Project workbook (documentation framework)
- Program library
- Toolbox of software and software-supported techniques

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Challenges

- Limited calendar time
 - Mythical man-month effect
- Labor division and organization
- Conceptual integrity
- Communication
- Estimation of time to completion
- Initial lack of understanding

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Silver Bullets

- There are no silver bullets
- Promising approaches suggested by Brooks
 - Reuse
 - Refinement
 - Rapid prototyping
 - Incremental development
 - Great designers

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