



Program Management and Systems Engineering Working Together

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DSMC's PMC* - What I expected...

- A fully capable and integrated approach to managing a program

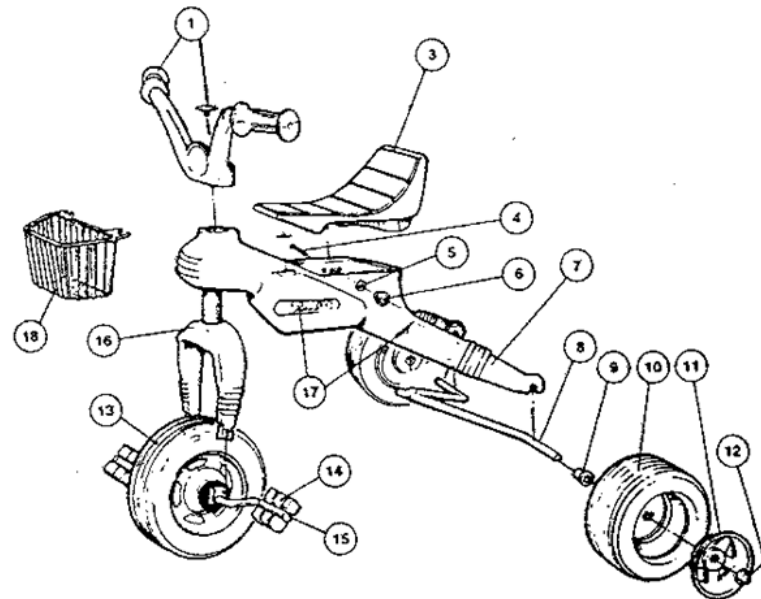


*Defense Systems Management College's Program Management Course

What I got...

13 stovepipes, some assembly required...

- Policy (players in DC)
- PPBS
- Milestones and Reviews
- Contracts
- Funding
- Cost/schedule
- Systems Engineering
- Software
- Test
- Logistics
- Manufacturing
- Data
- People

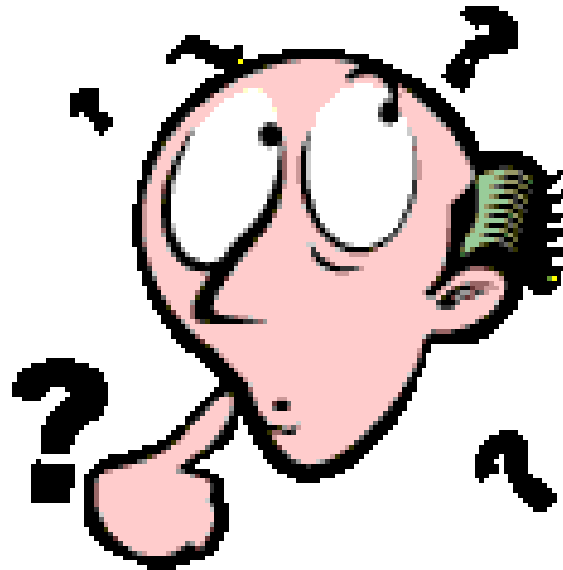




Assembly Instructions?

What to start with...

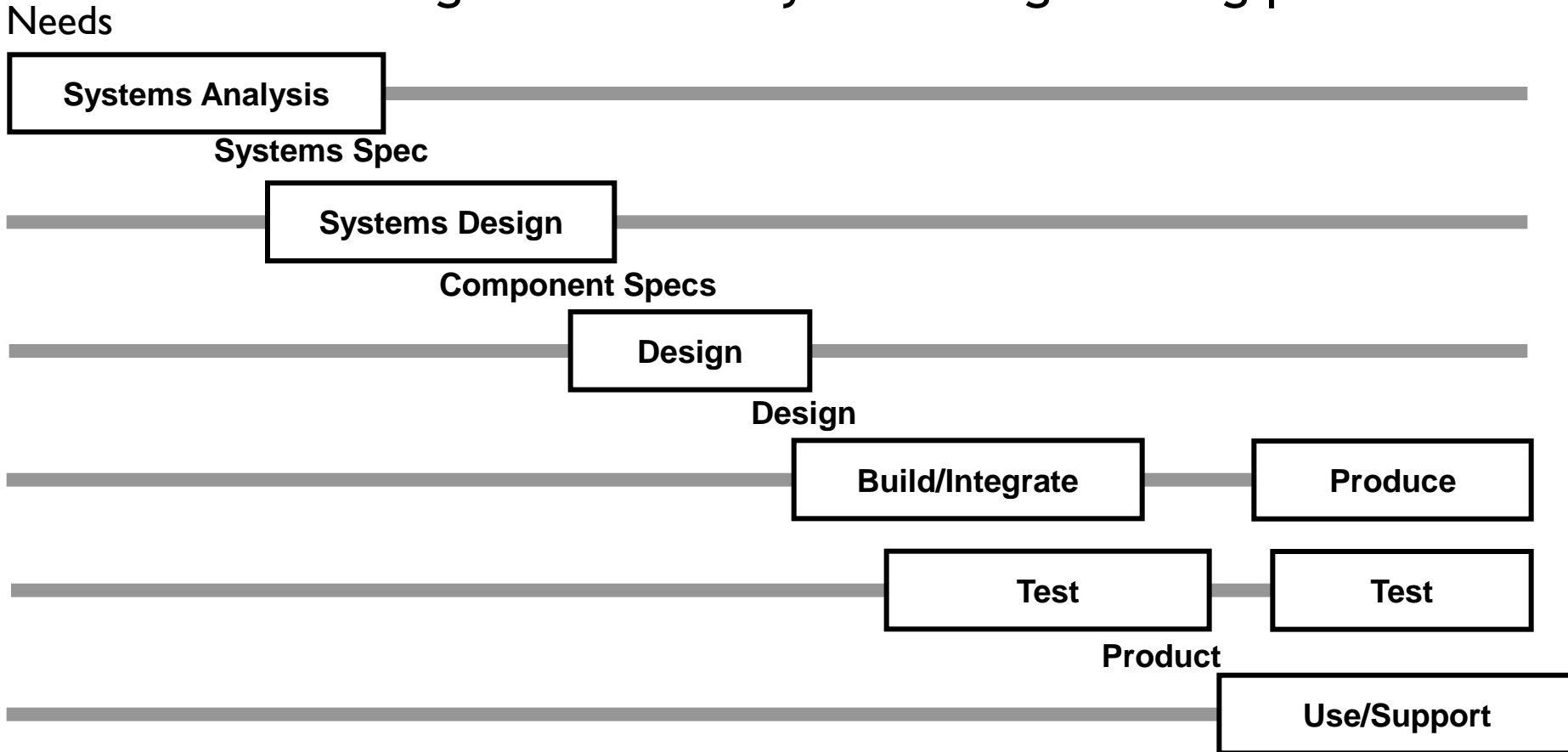
- Milestones?
- Contracts?
- Funding?
- ...





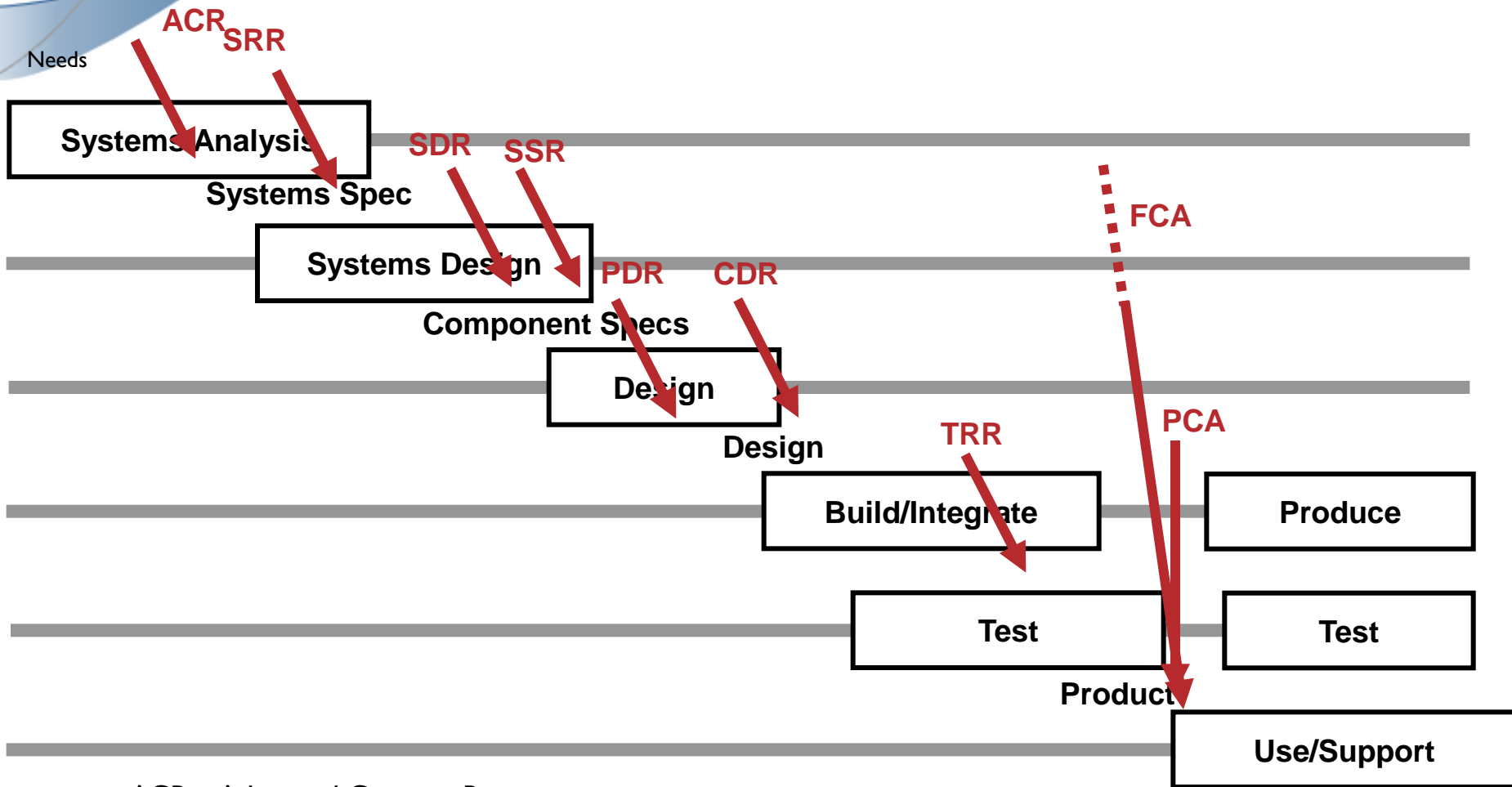
Better Assembly Instructions

- Basis of integration - the systems engineering process



- Be sure to include software, test, logistics, manufacturing...

Add in Reviews

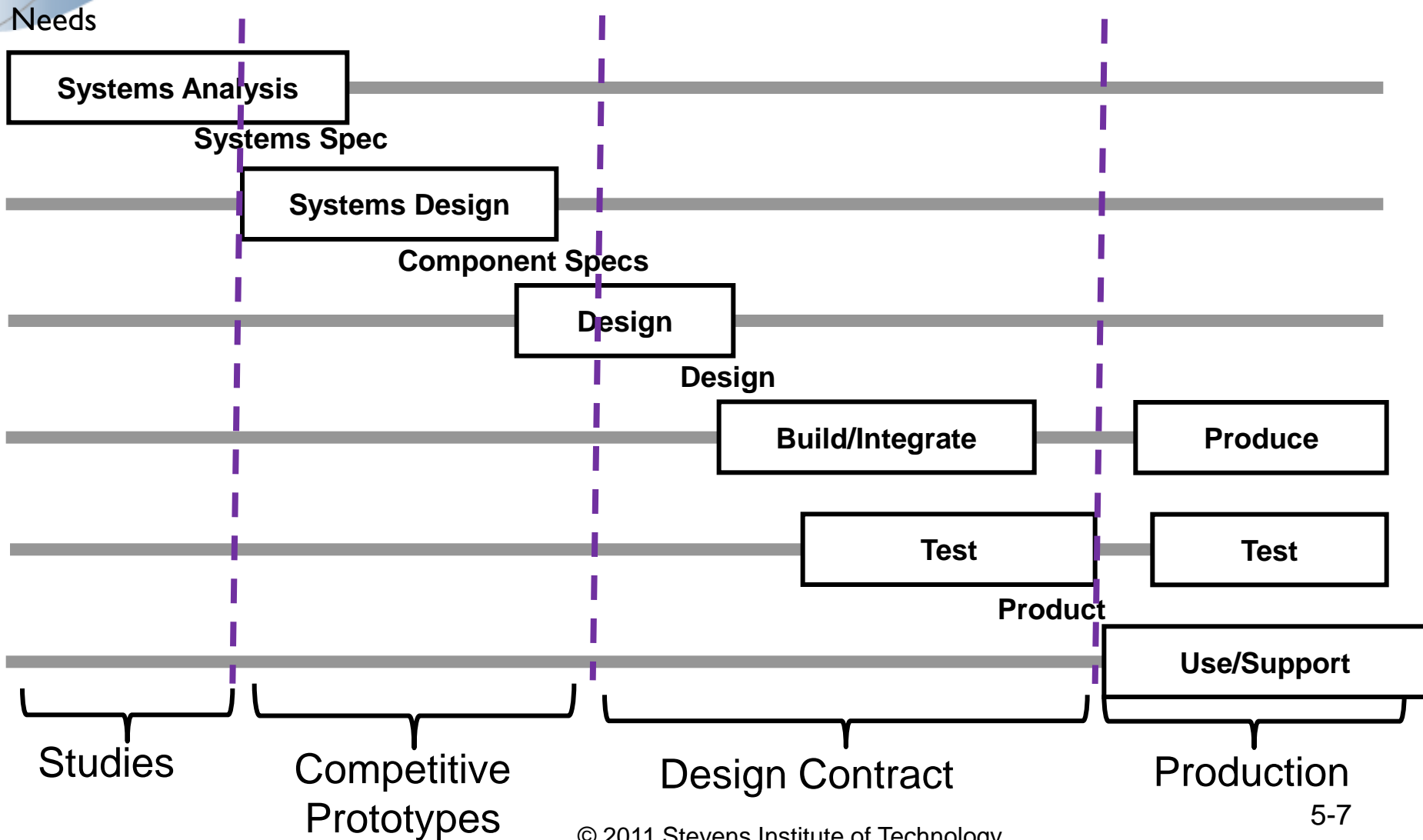


ACR – Advanced Concept Review
 SRR – System Requirements Review
 SDR – System Design Review
 Also called System Functional Review
 SSR – Software Specification Review

CDR – Critical Design Review
 PDR – Preliminary Design Review
 TRR – Test Readiness Review
 FCA – Functional Configuration Audit
 PCA – Physical Configuration Audit



Add Acquisition Strategy, Milestones, Funding





Develop Management Details

- WBS
- Cost/schedule tracking
- Reporting
- Plans
- Organization

- And iterate total sequence as necessary
 - Funding issues
 - Change in needs
 - Schedule changes
 - Etc.