

# Feedback – Phase 0

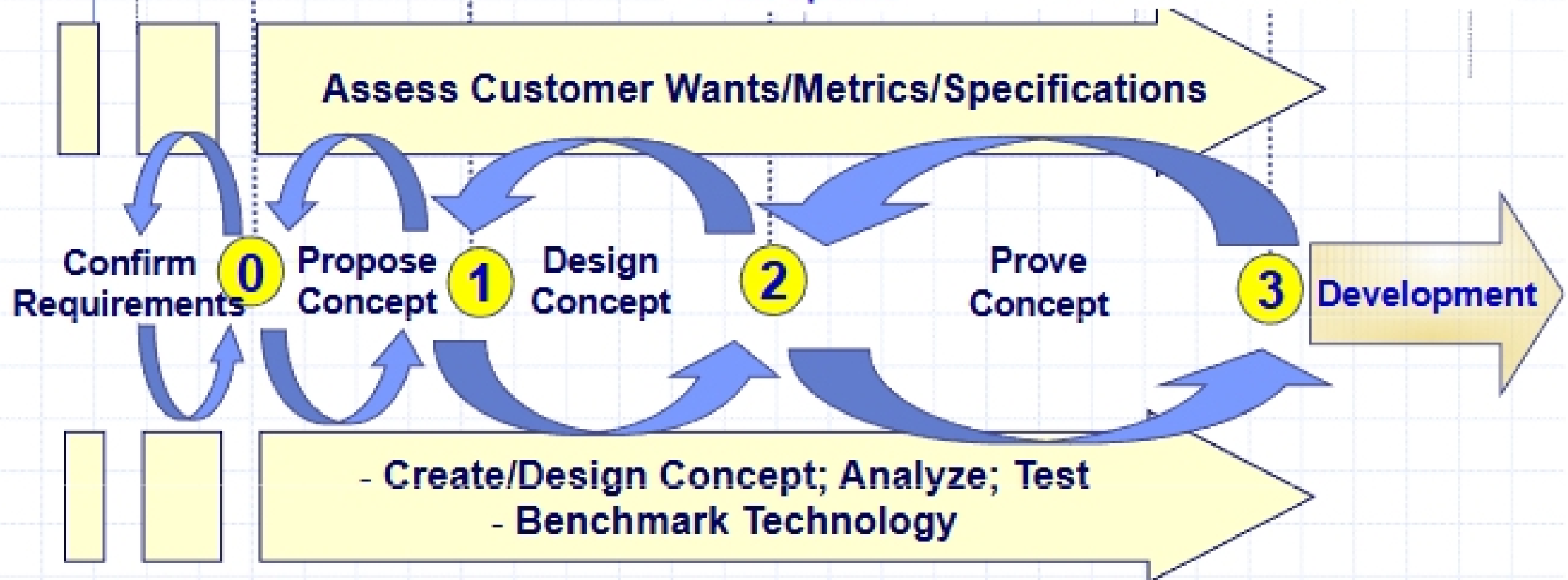
# Project Phases

## Deliverables

- Affirmed Goals/Needs
- Scope Definition
- Key Metrics
- Technology Req'ts.

- Concept
- Customer & Technology Basis
- Project Plan

- Concept Design
- Engineering Basis
- Plan update
- Proof of Concept Prototype
- Path Forward Plan



## MEEG 304 Performance Guidelines

### Phase 0 - Design Requirements

Senior Design (for reference)		MEEG 304	
		%	of grade
Synthesizing a Valid Concept	Customer goals and wants were affirmed, and a set of metrics including target values were developed. Project scope was defined and general concept directions were developed.	40	Develop the relevant criteria for the design: establish a system level framework for the subsystem design; and define a set of performance/cost metrics. Explain tradeoffs.
		40	Benchmark the competition and current technology from at least 3 different types of reference sources. Propose candidate concepts that are potentially competitive with benchmarks.
Resource use effectiveness	The phase was executed in a 'cost and time effective' manner: 1) needed resources were identified, engaged, and managed effectively; and 2) milestones were met and deliverables were accomplished on time. A path forward plan was created to deliver project results to the sponsoring business; and as appropriate, define next step developments needed for commercial application.	10	Describe the plan that was followed.  Recommend a path forward.
Interpersonal interaction and communication	The effectiveness of the project was enhanced by the team's: 1) ability to engage and integrate constituents of the extended team into the project through continuous communication processes; 2) teamwork; 3) professional behavior and appearance; and 4) clear and persuasive articulation of project status, validated results, and benefit/risk consequences for the sponsor's business.	10	Function as a cohesive team; Deliver Weekly Updates, Meeting Agendas, Minutes, Team Norms, & Peer Evals.  Demonstrate timely communication in Online Logbook.  Deliver persuasive draft Proposal with explanations of UDesign, schedule, & sketches.

Note: UDesign and/or Engr Des by Dym and Little