

# Core Capability Drive— Through CS577b, Spring 2003

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# Goal of Lecture

- ❑ Develop understanding of Core Capability Drive-Through
  - Purpose
  - Approach
  - Developer's responsibilities
  - Client's role
  - Products

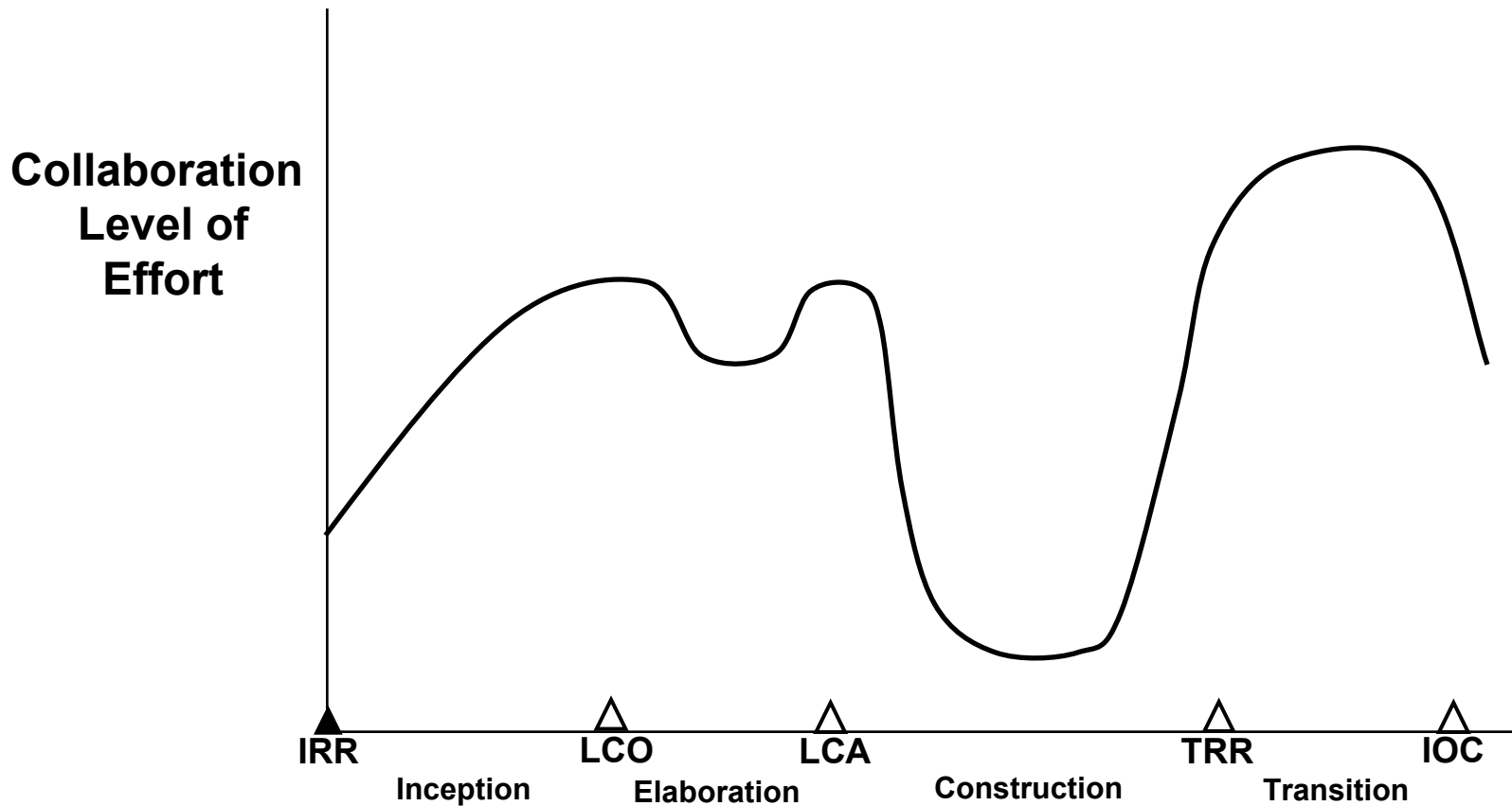
# Outline

- Background
- Process
- Products
- Summary

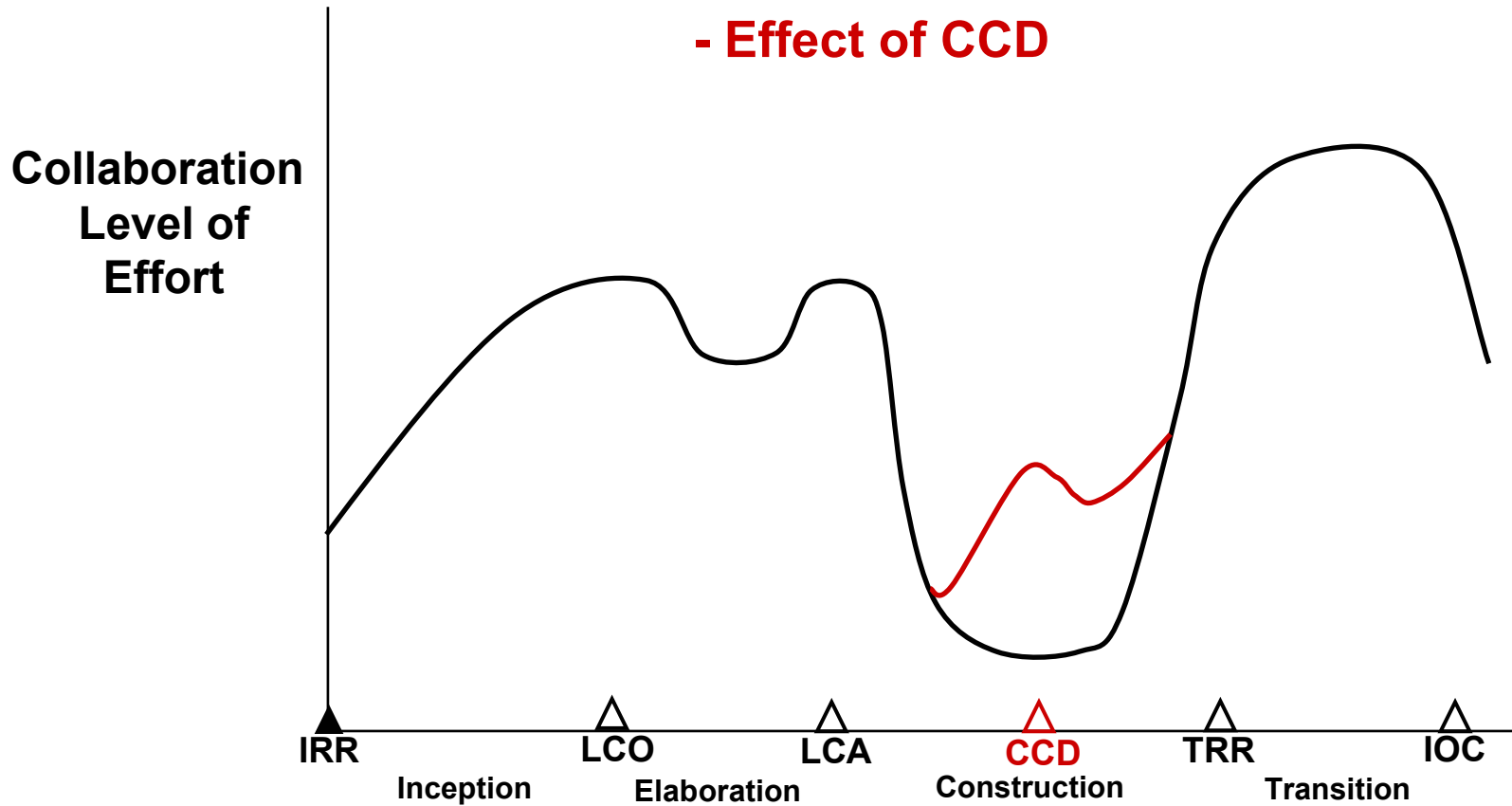
# Core Capability Drive-through (CCD) Goals

- Ensure successful transition
- Improve operational stakeholder communication & motivation
  - Project's products will soon be theirs to manage
- Determine whether client needs anything more
  - Any final changes in priorities for remaining features?
  - Anyone else who should drive the core capabilities?
  - Any changes being made to operational procedures?
  - Anything not covered in training material?
  - Anything not covered in user manual?
  - Any changes in system data or environment developers should prepare for?

# Problem: Collaboration Level Dips During Construction Phase



# Solution: CCD



# Developer Preparation for CCD

- ❑ Determine readiness date between March 12 & 31
- ❑ Schedule drive-through time & place with client
  - 60-90 minutes generally OK
  - Discuss with client
    - Agenda
    - Core Capabilities
    - Scenarios
    - Drive-through users
  - Coordinate with instructors
  - Post time & place on 577b Web site

# Developer Preparation for CCD (cont.)

- Prepare & dry run context presentation
  - Bring hard copies for clients & others
  
- Prepare draft User's Manual
  - Bring hard copies for clients & others
  - Minimally: describe capability usage
    - Outline form
      - 1 high-level per capability
      - Sublevels describe steps to perform capability
    - Index cards
      - 1-2 cards per capability
      - Steps to perform capability on cards

# Client Preparation for CCD

- ❑ Plan “user” test scenario(s) of core capabilities
  - High-level description of typical usage
  - Should exercise capabilities in way user would
  
- ❑ May want to discuss with
  - Intended users
  - IV&V

# CCD Presentation: Baseline Agenda

- ❑ Summary of
  - Core–Capability content
  - Likely IOC content
    - Prioritized IOC capabilities
- ❑ Review example usage scenario for Core–Capability
- ❑ **Client hands–on usage**
  - Coordinate this with client
- ❑ Discussion of IOC priorities
  - Tailor to specific project

# CCD Products

## Concern log

- Core capabilities
- User's Manual
- Tutorial

## As Appropriate

- Re-prioritized list of remaining features
- List of changes
  - Operational procedures
  - System data or environment developers

# CCD Report

## Gather and submit

- Record of planning discussion with client
- AS-IS user's manual
- Concern Log
- Record of demonstration as performed
  - Reference Concern Log
  - Summarize Core Capabilities driven-through
  - Include positive feedback too!
- New risks, if any
- Reprioritized capabilities, if any

## Due 3/31!

# Summary

- CCD is opportunity to
  - Set customer expectations
  - Validate core capabilities
  - Ease transition