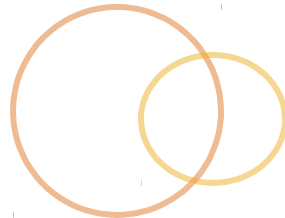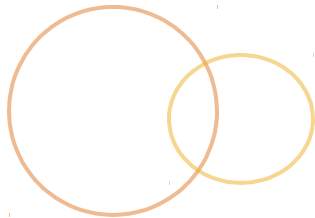# Software Architecture Program

General Course Structure

◎ 7 Session Program

◎ Session Topics
  ◎ Introduction to Software Architecture
  ◎ Software Architecture Process
  ◎ Fundamentals of Software Architecture
  ◎ Designing a Tiered Architecture
  ◎ Designing a Service Based Architecture
  ◎ Moving to an Architecture
  ◎ VMW Case Study

◎ Highly customized, highly discussion based; highly practical

General Program Structure

- Participants hand-selected / invited by managers and peers
  - Pilot program with 16 or 20 engineers
  - Attendees organized in groups (cohorts)

- Groups work on 'architecture project' throughout program
  - Final project review by VMW architectural committed at end of program
  - Certification upon program completion, approved architectural project, and group based peer review

Delivery Option D – 3 Weeks

- Week 1:
  - Day One: Program kick off, break into groups, identify project
  - Day Two: Intro to Software Architecture
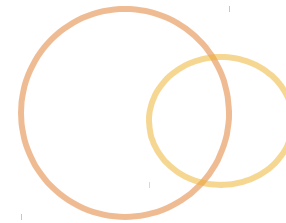 - Day Three: Software Architecture Process

- Week 2:
  - Day One: Fundamentals of Software Architecture
  - Day Two: Designing a Tiered Architecture
  - Day Three: Designing a Service Based Architecture

- Week 3:
  - Day One: Moving to an Architecture
  - Day Two: VMW Case Study
  - Day Three: Architectural Review
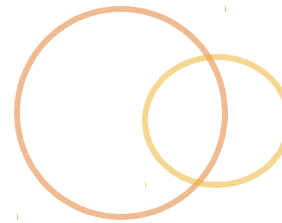
Program Costs

Total Option D: $110,186

- Content: $35,000

- Delivery: $75,186

- Cost / student: $3759

High Level Project Plan

◎ 5/19 – Outline and Content discussions: Completed

◎ 6/23 – 7/3
  - ◎ Submit revised proposal / structure
  - ◎ Content development project plan developed - completed
  - ◎ Pilot candidates identified
  - ◎ Project identification (case study)
  - ◎ SME reviewers identified

◎ 07/01 – 9/19 – Content Development and Review
  - ◎ Session One: 7/7 – 8/1
  - ◎ Session Two: 8/4 – 8/29
  - ◎ Session Three: 9/1 – 9/26

◎ Pilot Delivery
  - ◎ 10/06 – Session 1 – Mon - Wed
  - ◎ 10/13 – Session 2 – Mon - Wed
  - ◎ 10/20 – Session 3 – Mon - Wed
  - ◎ 10/24 – Post Mortem

Project Plan

Who	What	6/30/13	7/7/14	7/14/14	7/21/14	7/28/14	8/4/14	8/11/14	8/18/14	8/25/14	9/1/14	9/8/14	9/15/14	9/22/14	9/29/14	10/6/14	10/13/14	10/20/14
Project Kickoff		■																
Content Development																		
VM	Project Identification		■															
VM	Project documentation handoff		■															
DI	Project documentation review																	
	Session One Content - Day One (D1) - Day Three (D3)		■	■	■	■												
	Session Two Content - Day Four (D4) - Day Six (D6)						■	■	■									
	Session Three Content - Day Seven (D7) - Day Nine (D9)									■	■	■						
Program Delivery																		
	Final Logistics for delivery													■				
	Session One														■			
	Session Two															■		
	Session Three																■	
	Post Mortem																	■