

IST-API, Enterprise Architecture

unit mission, activities, and goals

Mission

Enterprise Architecture (EA) is a practice that provides an organization with a common vision for the use of technology that is aligned with its strategic goals. EA at UC Berkeley elicits and represents campus needs and capabilities, supporting decisions that optimally leverage technology through integration and standardization.

Activities

- Support strategic decision-making by business and IT leaders by simplifying and communicating the complex ecosystem of campus people, processes, and technology.
- Support an architectural governance structure that combines business and technical leadership and whose goal is to shape the campus' operating models.
- Coordinate with campus program and project management roles on architectural compliance assessment of change activities.
- Define a strategic plan, a service catalog, and specific deliverables that encompass EA as a practice.
- Produce current and target architectures with viewpoints addressing both business and technology needs.
- Produce roadmaps that guide change agents from current to target architectures.
- Organize and manage a campus-wide toolkit and repository for architectural artifacts

Goals

Within 3 months:

- The role and value of EA will be understood by IT and business leadership.
- The need for a campus operating model and supporting governance will be clear to IT and business leadership, and a roadmap for its development will have been established.
- Campus stakeholders will have been educated about potential services from the EA unit and their specific needs will have been elicited and organized.
- The tools and methods required to establish an architectural repository for campus will have been identified based on EA needs and informed input from campus business analysis stakeholders.

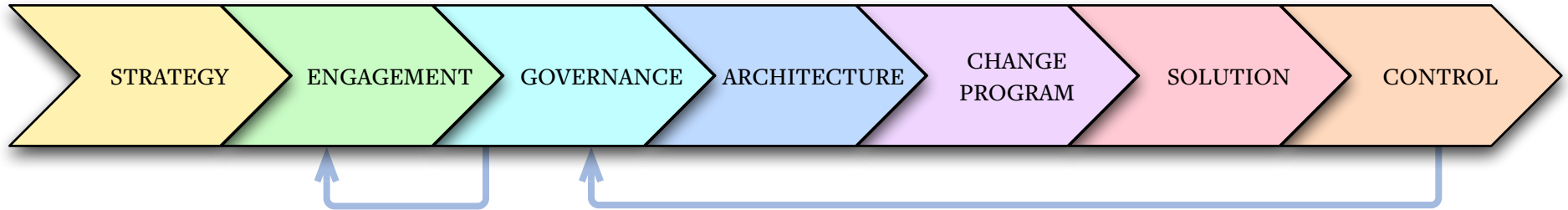
Within 6 months:

- Structures for the creation and governance of an operating model will be planned and soliciting participation from leaders will have begun.
- The mission, vision, values, goals, and objectives for the EA unit will have been developed and communicated to stakeholders.
- A community of practice will have been established for campus staff in architect roles.
- An RFP for architectural repository tools will have been submitted.

Within 12 months:

- An operating model will have been created by senior campus IT and business leadership and its on-going use in guiding strategic decision-making made clear to them.
- A communication plan for introducing the operating model and its uses across campus will have been developed.
- A service catalog for EA will have been created and communicated to the campus.
- A pilot change program will have been planned and implementation begun.
- An architectural repository tool set will have been procured, installed, and training of its campus users will have begun.
- A roadmap for representing existing business and IT architectural artifacts in the repository will have been developed.

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steps



Gain sponsorship
Define functional and IT strategies

Educate about the practice and value of EA
Gain involvement of stakeholders
Communicate architectures
Report on the results of controls

Develop architectural vision from functional point-of-view
Empower architectural decisions
Establish EA key performance metrics

Develop business, information, application, and infrastructure target architectures

Perform gap analyses
Develop roadmaps
Manage programs and projects

Design, obtain, and implement processes and technologies

Control architectural compliance
Measure EA key performance indicators

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flow

