

Starting Enterprise Architecture

Right Now

- Engage IT and functional leadership and educate them about the role and value of EA.
- Engage other campus stakeholders, educate them about potential services from the EA unit, and learn about their specific needs.
- Create a roadmap for the development of a campus architectural vision and supporting governance.
- Identify the tools and methods required to establish a campus architecture repository based on informed input from stakeholders.

During the Fall

- Develop and communicate the mission, vision, values, goals, and objectives for the EA unit to stakeholders.
- Organize an architectural governance structure and solicit campus leaders to participate.
- Establish a community of practice for campus staff in architect roles.
- Submit an RFP for architectural repository tools.

Within a Year

- Facilitate the creation of a campus architectural vision by senior IT and functional leadership.
- Create a service catalog for EA and communicate it to campus stakeholders.
- Identify a campus partner to engage in a pilot program based on EA practices.
- Obtain and install an architectural repository toolset for the campus and organize training in its use.

Enterprise Architecture



To build a better Berkeley, we have to make better plans.

Enterprise Architecture at UC Berkeley

Enterprise Architecture (EA) is a practice that provides an organization with a common vision for the use of information technology that is aligned with its strategic goals.

EA at UC Berkeley will first facilitate the definition of campus needs from a functional point-of-view and organize them within the context of an overall strategic direction.

EA will then analyze campus information technology and create current and target “architectures,” or high-level descriptions of the capabilities currently in use and those required ultimately to fulfill the needs and achieve the strategy.

From the current and target architectures EA will perform a gap analysis and develop short term and long range roadmaps indicating the best path forward.

IT portfolio management will take into account the roadmaps EA develops when setting priorities, and program and project management methods will include architectural compliance controls to ensure success.

As a process set on continuous improvement and dedicated to innovation in process and technology, EA will re-evaluate the target architecture in light of new functional and IT capabilities and changes in strategic goals.



Benefits Across Campus

To Strategic Leadership:

- Facilitates a holistic, prioritized view of campus strategy.
- Helps translate strategic vision into operational activity.
- Makes transparent how strategy is understood by the whole organization.
- Reduces IT costs by targeting resources and minimizing redundancy.

To Functional Leadership:

- Improves security and reliability while reducing risk by providing clear traceability between business processes, data, user roles, applications, and technical infrastructure.
- Breaks down silos that inhibit the automation of business processes.
- Keeps processes and information consistent and meaningful by identifying opportunities for integration and re-use.
- Ensures that the campus can plan well in advance to make use of technical innovation.

To Technical Roles:

- Guides IT investment towards the key strategic and functional goals.
- Helps IT to be ready when it is needed, with smoother transitions and minimal unplanned changes.