IT GOVERNANCE

…. At Truman

What is IT Governance and Why Do We Need it?

The rising interest in IT governance is partly due to:

- □ compliance initiatives

- □ acknowledgment that IT projects can get out of control and affect the performance of an organization

- □ the importance of IT related matters in contemporary organizations

- □ recognition that strategic IT decisions should be owned by the University, rather than by the chief information officer or other IT managers

The primary goals for information technology governance are to:
(1) assure that the investments in IT generate value, and
(2) mitigate the risks that are associated with IT.

Translating the IT Governance Goals into University Actions

- *IT governance is ultimately concerned with the ability to conduct institution-wide IT activities:*

  - Can we develop important IT policies that apply throughout the institution?
  - Can we implement important IT decisions that apply throughout the institution?
  - Can we coordinate the activities of IT personnel effectively throughout the institution?

  A successful IT Governance structure states well-defined roles for the responsibility of information, business processes, applications, infrastructure, etc.

Key IT Decision Areas

Overall Mission, Policies and Planning - High-level statements on how IT will be used to achieve institutional goals

Infrastructure and Security Framework - Shared IT services used by multiple systems and applications, providing a foundation for enterprise-wide IT capabilities.

Investment and Prioritization Strategies - How IT investments are made and prioritized, and competing needs reconciled.

Information & Data Architecture - Guidelines and standards used to achieve a desired level of academic and technical integration and standardization.

Application Needs - Specifying requirements and priorities of major IT applications and choosing appropriate solutions.

Defining the Structure ….

For each of these IT Key Decision Areas, the IT governance structure needs to define:

- ◻ who makes which decisions;
- ◻ who provides inputs and analyzes the issues;
- ◻ who sets priorities; and
- ◻ who settles disputes when there is no clear consensus.

Proposal for Mapping Decision Areas to Campus Committees

Key IT Decisions		*Input and Analysis Responsibilities*
Infrastructure & Security Framework	→	Infrastructure & Security Advisory Committee
Application Needs	→	Information & Applications Steering Committee
Information & Data Architecture	→	Information & Applications Steering Committee
Overall Mission, Policies and Planning	→	Information Technology Advisory Committee
Investment and Prioritization Strategies	→	Investment and Prioritization Committee
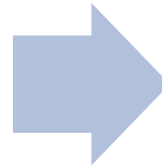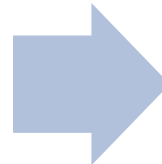
Information & Applications Steering Committee

PURPOSE
The Information and Applications Steering Committee is the group responsible for specifying the requirements and priorities of major IT applications at Truman. The group is also responsible for oversight of the data guidelines and standards used to achieve a desired level of academic and technical integration and standardization, and, participation in the development and implementation of the Information Technology Strategic Plan.

SPECIFIC CHARGES
The Information and Applications Steering Committee has these specific charges:

University Applications Oversight:
□ Participates with the Information Technology Strategic Planning Task Force during the development of the IT Strategic Plan and reviews institutional progress on IT Strategic Plan initiatives.
□ Evaluate project proposals to promote an integrated, priorities-based approach to the effective planning and deployment of enterprise class application technologies.

Data Governance:
 Oversight of the processes that ensures that important data assets are formally managed throughout Truman including:
□ Data Stewardship responsibilities.
□ Oversight of the records management functions required to meet legal, fiscal and accountability requirements.
□ Quality control of the discipline for assessing, managing, using, improving, monitoring, maintaining, and protecting organizational information.

Infrastructure & Security Advisory Committee

PURPOSE
The Infrastructure & Security Advisory Committee is the group responsible for providing advice on Truman's technology infrastructure and middleware (those computer services and processes used by multiple systems and applications, providing a foundation for enterprise-wide IT capabilities), including implementation of the appropriate security controls.

SPECIFIC CHARGES
The Infrastructure & Security Advisory Committee has these specific charges:

Physical Infrastructure
- Provide input into the IT research services needed by faculty
- Provide input on the classroom technology needed by faculty
- Provide input on communications infrastructure needs

Middleware
- Provide input on general security middleware needs (including, but not limited to, authentication, authorization, role management)

Security
- Implement the appropriate security controls as to support the needs and/or processes identified by the Information & Applications Steering Committee.

Information Technology Advisory Committee

PURPOSE
The Information Technology Advisory Committee (ITAC) is a University group responsible for reviewing and monitoring University-wide technology standards and policies. **These policies outline how IT will be used to achieve institutional goals.** The group also works with Information Technology Services on the development of the Information Technology Strategic Plan.

SPECIFIC CHARGES
The Information Technology Advisory Committee has these specific charges:

☐ Participates with the Information Technology Strategic Planning Task Force during the development of the IT Strategic Plan;

☐ Reviews institutional progress on IT Strategic Plan initiatives; and

☐ Reviews institutional policies regarding technology standards, access, and use of IT resources.

Investment and Prioritization Committee

<u>PURPOSE</u>

The Investment and Prioritization Committee oversees the budget used to support the planning and prioritization of information technology efforts and ensures consistency with the institution's strategic and tactical plans and the institutional budget

<u>SPECIFIC CHARGES</u>
Work with Information Technology Services on relevant budget issues.

High-Level Strategy

Provost (policy & planning process)

President's Staff → **President**

Information Technology Services Facilitates Project Management, Implementation and Communication

Information Technology Advisory Committee	Information & Applications Steering Committee	Investment & Prioritization Committee	Infrastructure & Security Advisory Committee

- Web Advisory Team
- Blackboard Team
- Administrative Applications Integration Team

- Learning Technology Team