Management Information and Data Analytics Strategy (MIDAS)

GOAL

To create a robust management information and data analytics environment that enables actionable insight by University decision-makers in support of student success and strategic decision-making.

DELIVERABLES

1. Assessment: Assessment of current assets, capacity, and user needs, including: 1) Reports and analytic capacity currently place in various offices 2) relevant business process maps 3) decision support and management information experts 4) inventory of current technology tools and the state of data integration 5) data sourcing and ownership across divisions 6) staff and departmental roles and responsibilities, and 7) current and anticipated needs.
2. Description of the desired state, including:
    - Data Governance: A well-defined and communicated data governance structure and policy, with clearly established roles and responsibilities and a universally understood central repository for data standards and access controls.
    - Data Dictionary: An accepted and authoritative data dictionary establishing data sources, values, and operational definitions for critical data elements, enabling consistency across all of our reporting.
    - Data and Report Validation: Established and accepted procedures for data and report validation, to ensure accuracy and consistency in our data reporting.
    - Data Stewards: Empowering the Data Stewards as gatekeepers of university data assets, charged with reviewing and approving data use and integration for new system proposals, as well as data scope changes for existing systems and environments.
    - Data Portal: Design of a central public and private data portal, including the user-level data dictionary, standardized reports, and the most frequently requested reports.
    - IT Infrastructure: Required IT infrastructure (databases, software) right-sized to meet established goals and eliminate the redundant and obsolete.
3. Data Literacy Training and Internal Consulting: End-user training and consultancy that educates the campus community about how to access and where to go for the data and management information they need to monitor progress and inform both strategic and operational decision making.
4. Implementation of the Desired State: A plan for successful implementation of the desired state, with timelines and designated responsibilities, including short-term and long-term goals and success benchmarks.