



Information Technology

Goal 3: Efficiency & Effectiveness

System Initiatives:

- **K-20 Data Linkage:** develop linkages between K-12, postsecondary, and labor information in order to produce a method for annually tracking student cohorts from high school to college to the workforce.
- **Research & Education Network:** operate and maintain a state-of-the-art network that provides high speed connections between campuses, as well as connections to national research and education networks.
- **CC Banner Integration:** integrate Dawson Community College and Miles Community College into University of Montana hosted instance of Banner

Goal Statement

Improve the accuracy, consistency and accessibility of system data, including the continued development of a comprehensive data warehouse

IT Strategic Directions

In order to meet the three primary goals outlined in the Board of Regents' Strategic Plan, the Montana University System will strive to implement the following Information Technology Strategic Directions:

1. Enterprise Information Systems

Develop an integrated information system with the goal of maximizing administrative efficiencies, allowing for seamless student enrollment between campuses, and promoting consistent business practices across all institutions.

Assumptions:

- The MUS will continue to make incremental steps toward developing a single integrated information system.
- Incremental steps include, but are not limited to, the following:
 - Utilizing a single instance of the administrative information software that is hosted and managed by the main campus on each side of the system (i.e. UM and MSU host a single instance of Banner for their affiliated campuses, with the potential for including the community colleges, as well as tribal colleges).
 - Allowing for multi-institutional functionality to enable (for example): enrollments from more than one campus on students' schedules and transcripts, financial aid based on combined enrollment at more than one institution, centralized administrative services, such as, a single source for payroll generation.
 - Standardizing codes and data elements, as well as aligning business rules and practices.

2. Network Connectivity

Continue to develop and improve an education network that provides high speed telecommunication capabilities that link MUS institutions, provide connectivity to national research and education networks, and expand the reach of the MUS to remote areas of Montana.

3. Data Warehousing

Maintain and work to improve a system-wide data warehouse for the purpose of measuring the goals in Board of Regents' Strategic Plan, collecting and reporting official enrollment, developing linkages with K-12 and workforce data, and producing and monitoring the MUS Operating Budget.