Information Technology

Overview 2012
Networking

- Currently manage 11+ miles of network fiber - interconnecting campus buildings with core systems.
- Provide support for approximately 450 miles of network copper cabling throughout the campus.
- Maintain 148 switching and routing network devices throughout campus.
- Grown the campus wireless infrastructure to approximately 1000 access points.
- Deliver network hard-wire connectivity to 9000+ devices.
- Internet 2: REED fiber backbone connects to the research world.
- Internet 1: 950Mbps commodity internet.
- Extend network connection services with: CUC, West River Nursing, Ag Exp. Farms, and the new Extension Regional Centers.
Networking

- Support 90+ enterprise and specialized server applications.
- Manage various SAN systems - with a combined current storage usage of 150+ TB.
- Operate 120+ physical servers and support 50+ virtual servers.
- Provide AD LDAP infrastructure services supporting 20,000+ user, group, and computer device objects.
- Administer messaging services consisting of a Microsoft Exchange Email system (3,300+ mailboxes), and ListServ list services.
- Leverage Live@Edu for Student Email services.
- Manage Enterprise data-base systems consisting of approximately 135+ databases.
- Support four different campus enterprise online media systems.
- Funded from chargebacks and a student tech-fee.
Classroom technology

• Maintain 80 plus university classrooms
• Funding based on techfee
• On a four year rotation based Performa
• Operate 3 DDN rooms and 1 Access grid room
• Provide technical advice to colleges/units and install equipment when requested
Instructional Design

• Work with faculty both on and off campus
• Work with distance education faculty
• Provide training and work shops
• Provide access to multimedia lab and narration lab
• Support locally D2L and Eluminate regental applications
• Provide support for locals cloud apps
Web and portals

• External web site sdstate.edu 3,738,708 views
• Internal portal insidestate over 100,000 views
• Student portal mystate 375,581 views
• Sets up web site for colleges/ departments and units
Welcome to MyState!

Log in on the left for direct and secure access to campus news and events, your class and finals schedules, account information, and much more.

MyState has confidential information on it that you may not want to share with others, so please don't share your password!

Important messages concerning your safety on campus will be posted here as they happen. Currently, there are no emergencies or alerts at South Dakota State University.

COMING UP

Men's Basketball vs. North Dakota State
February 15 @ 7 PM
Frost Arena

State University Theatre presents Buried Child
February 15–18 @ 7:30 PM
Fishback Studio

Women's Basketball vs. North Dakota State
February 18 @ 3 PM
Frost Arena
News

Strategic Planning Dialogue and Listening Sessions
The first of the Strategic Planning Dialogue and Listening Sessions will be held Wednesday and Thursday of this week.

- **Wednesday:** Undergraduate Recruitment and Enrollment (on campus) – 3-4 p.m. SSU 253C and Diversity and Inclusion – 4-5 p.m. SSU 253C
- **Thursday:** Academic Programs, Curriculum and Academic Quality – 3-4 p.m. SSU 253C and Information Technology – 4-5 p.m. SSU 253C

New Location for “Extension” Tab on InsideState
The Extension tab that previously went across the top of InsideState has been moved to the left-hand navigation found on the side of the page. This was done to allow placement of information regarding the university’s Strategic Plan initiative. It will not impact information currently contained in the Extension site, but simply moves the Extension tab to the left side of the InsideState landing page.

Doc Severinson and His Big Band to play Brookings

Announcements

- Donna A. Named February Career Service Employee of the Month!
- McQuitty Gardens Open House
- Free Registrations to Launch SD Entrepreneurship Education Conference
- Registration for Fall 2012
- Computational Science and Statistics Seminar for February 16
- SEDC Sponsors Idea Competition
- Spring 2012 Proficiency Exam Faculty Information
- Bookstore Sale
- 22nd Annual Career Service Spring Mass Meeting
- Valentine’s Day Flower Sale
Research

- New 800-core HPC cluster.
- Some of the applications supported: ANSYS, ABySS, MatLab, NWChem, SPSS, SAS, Gaussian, and various compiler/development packages.
- Domain specialist working with researchers.
- No currently identified funding stream.
Comments

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