



Jabs Hall, a LEED Gold building, is designed to promote both formal and informal collaborative learning through the creation of transparent, light-filled and flexible classrooms and social and office spaces. The intent is to make the work of students, faculty, and staff visible in order to encourage interdisciplinary learning and active engagement. All translucent glass walls are writable with dry-erase markers. As you tour the building, note the many informal spaces where students and faculty from all disciplines can enjoy fabulous views while exploring new ideas.

JABS HALL SELF-GUIDED TOUR

First Floor

Dominated by the central forum and fireplace, the first floor is designed to be the heart of the College, home to student service offices, collaborative spaces, classrooms, and Sola@ Jabs, MSU's first third-party food vendor.

1. FORUM: Normally an open collaborative area, this area can also be used by the College for events such as career fairs and commencement celebrations. The stock- and news-ticker on the south soffit, sponsored by Cory and Diane Pulfrey.
2. Rooms 103 & 111: Classrooms with operable glass walls and flexible furniture.

Second Floor

Jabs Entrepreneurship Center, classrooms and faculty offices. The balcony allows participation in events held in the forum on the first floor.

1. Room 202: Entrepreneurship student work space.
2. The *Pacific Steel & Recycling Room (Room 204)*: The Entrepreneurship Center seminar and conference room.

3. Rooms 102-110F: Bracken Center for Excellence in Undergraduate Education. Student resource center for internships and jobs, career coaching, study abroad, student clubs, and more. The conference rooms are primarily for student use as study and work rooms, but will also be used for client presentations by students and employer interviews. The corner conference space is the *Sean & Lindsay Gallinger Conference Room (104)*.

4. Suite 110: Bracken Business Communications Clinic. Coaching by business professionals on oral and written communication.

5. Suite 124: Student Services Office. Student resource center for academic advising.

6. Room 115: Future home of Sola Café's new Sola@ Jabs which has take-away breakfast and lunch food as well as coffee services.

7. Room 101: Collaborative space, unofficially known as the "map room" with a glass wall containing a two-story map of Montana and sliding doors leading onto the patio.

3. Room 207: Lab/studio space for interdisciplinary classes and activities, similar to the new College of Arts & Architecture DSEL space in Cheever Hall. Note the west wall containing the map of northern Montana, and the operable glass walls that can be opened to create a larger event space. The College invites requests from non-business faculty to use this room for interdisciplinary classes and activities.

4. Rooms 211 & 215: These classrooms will contain laptops so they can be used by IT-intensive classes and can serve as computer labs when not otherwise in use.

5. Room 250: Open office suite for non-tenure-track (NTT) faculty. The suite contains a private conference room for use by these faculty.

Third Floor

More informal collaborative areas, classrooms, faculty offices, and the Dean's suite.

1. Room 330: Student break-out room.
2. Room 302B: Boardroom. Transparency allows students to observe professionals at work.

3. Suite 302: The Office of the Dean, containing administrative offices as well as a faculty collaboration space in room 302C.

4. A second fireplace with student work spaces lit by a sky-light.

5. Room 350: Faculty services office containing copiers, supplies, and a student testing area for students taking make-up exams.

Fourth Floor

More classrooms, collaborative areas and faculty offices. Note the natural light from clerestories and sky-lights.

1. Rooms 422, 426, 430: Student break-out rooms double as focus-group rooms with one-way glass for research.

2. Rooms 403 & 409: Graduate Teaching Assistant (GTA) offices: one with desks for quiet grading, the other for tutoring. The room with the offices is the *Sid & Keli Miner Study Room (403)*.

3. Room 440: Private family care/nursing room.

4. Room 450: Open office for non-tenure track (NTT) faculty, similar to Room 250.

JABS HALL BY THE NUMBERS

Square Feet: 50,830

Fireplaces: 2

Classrooms: 11

Computer Classrooms/Labs: 2

Classrooms without Windows: 0

Team and Conference Rooms for Students: 9

Student Social/Collaboration Spaces: 13

Water Saving Toilets: 29

Projection Systems: 22

Regularly Occupied Spaces with Daylight Views: 90.6%

Recycling Stations: 4

Geothermal Wells: 52

Energy Cost Savings: 41.97%

Months from Ground Breaking to Move-in: 24

PASSIVE SOLAR WALLS: Installed on the south-facing side of the building's rooftop mechanical penthouse, the passive solar walls will preheat fresh air coming into the building thereby reducing the amount of energy needed to heat the building. It will pay for itself in 10 years, reduce the amount of energy used to heat the building and provide valuable data to research engineers.

RECYCLED COUNTERS & BACKSPLASHES: This began as a BMKT 325 *Principles of Marketing* class project that turned into a community event to collect glass for locally produced fly ash and recycled glass countertops and backsplashes for Jabs Hall. The "circle of life" for the glass (collection, processing, manufacturing and installation) is all within a 15 mile radius. A total of 5,410 lbs. of glass.

GEOTHERMAL WELLS: Each well holds 1,000 ft. of tubing that translates to millions of BTU's that support MSU's energy reduction goals. In the summer, warm water is sent down the tubes to cool off and in the winter, cool water is sent down to be warmed.

NIGHT FLUSH: Allows cooling of the building overnight by using fans to flush out warm air accumulated during the day and replace it with cool night air which is then stored in the building's thermal mass. This form of ventilation saves significant energy compared to the use of traditional mechanical cooling.