LEARNING AND LEADERSHIP CENTERS
South Campus Project

EMBRACING NEW IDEAS AND PUSHING THINKING TO THE EDGE.

WHAT IT TAKES
The Campaign for MONTANA STATE UNIVERSITY
At Montana State, students explore the past as they develop the skills and confidence it takes to build a better future.

To equip our sons and daughters for the global issues of today and tomorrow, we must remain at the cutting edge of technology and the forefront of knowledge. We now have both the opportunity and the responsibility to prepare record numbers of students to create a better world for a new generation.

**BUILDING NEW SPACES TO LEARN AND LEAD.**

It takes motivated students and inspired faculty to embrace new ideas. And it takes collaborative learning environments designed for multidisciplinary research to truly push thinking to the edge.

Now is the time to build this new environment for our students: one with spaces that celebrate our rich heritage and new centers of learning and leadership that will prepare tomorrow’s engineers, computer scientists and those pursuing research and degrees in STEM fields for the challenges that lie ahead.
THIS IS YOUR MONTANA STATE UNIVERSITY.
MSU Alumnus Norm Asbjornson ’60 has inspired MSU to rethink how we deliver education and to explore how engineering and interdisciplinary curricula can be fueled by new innovative spaces.

In an act of enormous generosity, Norm has committed the first $5 million toward a $70 million South Campus building complex.

Our challenge is to raise $20 million and trigger a closing gift from Norm of $45 million.

WHAT IT TAKES TO MAKE IT POSSIBLE.

We must join together and raise the $20 million it will take to reach this ambitious goal.

IT’S UP TO US
The South Campus Project will help us realize our goals to improve learning, discovery and engagement for students, faculty and our greater community through:

- Adaptive and technology enhanced classrooms
- Interdisciplinary labs and active-learning project spaces
- Collision-enabling common areas
- Innovation wings for diverse faculty
- Flexible capacity for presentations and performances

This representational sketch was produced by Alex Dalzell, a graduate student in MSU's School of Architecture. With formal design work yet to be completed, this is an example of what's possible with new Learning and Leadership Centers.
BRIGHT MINDS COMING TOGETHER IN INNOVATIVE SPACES

Course examples:

**DESIGN THINKING FOR COMMUNITY**

Student teams, in this course, are formed from across disciplines to learn the fundamentals of innovation and design thinking in the context of service to community.

**THE SCIENCE OF SOUND**

This course, open to all students, teaches the principles of musical acoustics, sound systems and audio technology, in a format that complements music and music technology programs.

**INNOVATIVE IDEATION**

Students from the arts, architecture, business and engineering work together in this course from idea development to product actualization learning design thinking, user experience modeling and customer journey mapping.
It takes a collaborative approach to solve today’s big, complex problems. With access to advanced tools and updated workspaces, our students are discovering even more.

Five award winning MSU students discovered this while designing a new zero-energy structure in the 2014 Integrated Sustainable Building Design competition.

Engineering students Martin Reeves, Mary Peterson and Terra Moran teamed up with architecture students Theresa Lindenau and Elyse Casper for their senior capstone projects. Together, they generated some big ideas and learned a lot from each other, but they lacked a space where they could all work together that also offered access to the technology and tools they’d need for their work.

But with the construction of the Norm Asbjornson Innovation Center, future innovators will have a state-of-the-art facility that will unite thinkers across academic disciplines and connect them to the resources they’ll need.

“We will have more space to facilitate students’ working on projects together,” says Kevin Amende, assistant professor of mechanical engineering technology and the team’s faculty mentor. “They’ll be better able to integrate the principles, theories, and methods they’ve learned through hands-on experiences.”

“It’s refreshing to work with engineers and see how they arrive at decisions through calculations,” Lindenau said, “in contrast to the form and poetics of architecture.”

At MSU, new Learning and Leadership Centers aim to bring students, including those from the School of Architecture and College of Engineering, together with those from other disciplines to help them prepare for the challenges of the future. Photo by Kelly Gorham
Learn more about how to write your own page of Montana State University history.

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