

DoIT Academic Technology advances the University's mission, strategic priorities, and the Wisconsin Idea by wisely applying technology to current and future academic environments. Through collaboration and partnerships, with a commitment to service and innovation, we bridge technologies, people, and day-to-day work practices to enable 21st Century digital literacy, manage our resources, and evaluate our practices.

## Design & Development

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**Evaluation Design & Analysis:** Focusing on teaching and learning environments ranging from pilot testing to in-depth research, we use various research techniques to comprehensively inform decision-making. As a full-service evaluation unit, we help conceptualize problems in measurable ways, develop evaluation plans, write evaluation sections for grant applications, build instruments, analyze data, and anything in between.

**Faculty Engagement:** We offer several evolving programs designed to foster the use of research-supported, technology-enhanced, teaching and learning methodologies, each with its own criteria for entry. These programs address the needs of faculty as teachers and co-creators of knowledge, with a focus on evidence-based approaches to learning in higher education. We also focus on developing campus scholarship around teaching and learning. We invite faculty and instructional support staff to participate in these programs regardless of what point they are at in their career.

**Learn@UW Madison:** Learn@UW Madison service is a suite of teaching and learning tools available to all instructors and students that support online teaching, learning, training, and collaboration.

### **My UW-Madison Academic Application**

**Development:** As the hub of our online campus community, we provide reliable and secure access to personalized information from numerous campus services. We can help you integrate your academic application and data or we develop an application that leverages this platform's unique capabilities for your academic audience.

**Online Course Production:** Our instructional design experts can help design and develop courses and web-based training from conception to completion. We will plan, design, and create learning materials including timetable courses for UW-Madison students; workforce development courses; and online, interactive media-rich learning activities including video, audio and simulations.

### **Strategic Learning Technology Consulting**

DoIT Academic Technology has a long history of providing consulting services for instructors and instructional staff on individual courses, but the Strategic Learning Technology Consulting (SLTC) service takes it to the next level. Our senior consultants immerse themselves in a partner's school or college to cultivate long-term relationships and work on high-profile teaching and learning initiatives that have an impact school-, college- or campus-wide. The lessons learned and models created can then be shared with other campus units.

### **Teaching & Research Application Development:**

When no existing technological tool suits your teaching, learning or research needs, we can create a solution for you or extend and integrate other tools. We create pedagogically sound games, simulations, and data visualizations; integrate with the Learn@UW suite, MOOCs, and learning management systems; and work with evaluators to identify and collect complex learning analytics. We also develop or extend custom web, mobile, and touch-screen applications.

**Video Production:** The Video Production service produces clear and relevant videos for your courses, research projects, product promotion, marketing, needs, and more. We will collaborate with you to deliver professional quality high-definition (HD) video and audio for any size production from concept and script through production and delivery.

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## Training

**Software Training for Students:** Our instructors offer students the software training and personalized consultation that they need to enrich their digital literacy and better prepare them for their coursework and careers. We also partner with faculty to develop customized software training and resources so that faculty can focus on the subject, not the tool.

**Online Technology Training:**

Students, faculty and staff have access to Lynda.com—a full library of self-study software tutorials available anytime, anywhere. Subjects include productivity software; web development; tools for editing digital video, audio, and images; and much more.

## Partnerships

**Learn@UW for UW System:** Primarily powered by Desire2Learn software, the service provides a web-based suite of tools that enable instructors to create course websites with communication, collaboration, content delivery, and student assessment capabilities. Learn@UW courses allow “anytime, anywhere” access to materials including syllabi, readings, multimedia files, file submission, grading, and student progress reports.

**Library Application Development:** In partnership with the Library Shared Development Group and the Library Technology Group, we create, integrate, and support campus-wide library applications and their infrastructure.

**IT Pre-College Outreach:** IT Pre-College Outreach, in alignment with the UW-Madison’s “Inclusive Excellence” diversity initiative, provides services to diverse high school students with the ultimate goal of increasing UW-Madison recruitment, enrollment, retention, and graduation rates at the UW-Madison. IT Pre-College Outreach includes the Information Technology Academy (ITA) serving Lac du Flambeau, Madison, and Oneida.

We value partnerships and collaborative work. Please give us a call.

