

For Immediate Release

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INTEGRATED PROJECT DELIVERY COMES TO UWM SARUP

AEC INDUSTRY LEADERS WILL SHARE THEIR KNOWLEDGE AND EXPERIENCE OF THIS REVOLUTIONARY NEW DELIVERY METHOD WITH ARCHITECTURE STUDENTS

MILWAUKEE — Eppstein Uhen Architects (EUA) is once again sponsoring the Integrated Practice / Building Information Modeling (BIM) Studio at UWM's School of Architecture and Urban Planning (SARUP). This is the first SARUP program to introduce Revit® BIM software, which is well on its way to replacing AutoCAD as an industry standard.



Nathan Elliot was a student in last year's studio. "The BIM studio has been one of the most valuable studio courses I have ever taken," he said. "The BIM studio and its companion lecture series have given me a glimpse of the cutting edge of integrated practice and promising potential for BIM software in that emerging method of building."

The tools, techniques and philosophy being featured in this studio replicate Integrated Project Delivery (IPD), which is a holistic approach to designing and building projects. Projects delivered through IPD engage a fully integrated team of architects, engineers, contractors and client staff from the very onset of the design to maximize value and reduce waste throughout a project's lifecycle. This studio introduces students to working in this type of integrated team while focusing on the modeling concepts and technical skills related to BIM authoring tools.

This Studio marks an unprecedented arrangement for UWM SARUP because it integrates local industry professionals into the studio in many ways. The course requires the facilitation/teaching responsibilities for the course to be shared between EUA staff and SARUP faculty. Bret Tushaus, EUA vice president of information technology, and Tony Isenhoff, EUA design applications specialist, will be teaching/facilitating a 3-credit workshop course. UWM professors James Dicker and Gil Snyder will be facilitating a 6-credit studio course.

Several non-architect building professionals have also been called upon by the studio to impart their experiences and expertise in relation to design and engineering. These professionals will participate in the studio course critiques in order to provide students with real-world feedback on their design decisions:

- Richard Pierce, president and structural engineer at Pierce Engineers
- Roger Lautz, mechanical engineering manager at Henneman Engineering
- Nathan Lingard, senior pre-construction manager at Mortenson Construction

“The opportunity to participate in SARUP’s integrated design studio is extraordinarily intriguing,” said Richard Pierce. “I get the opportunity to see how master-level architects develop, and hopefully they gain from my career experiences as it relates to how early integration of structural systems aids in the overall design process. As fully integrated design and project delivery systems further develop, and as smart modeling, design and construction management software further develop, courses like this one will move from being a model program to a mainstream necessity.”

Eppstein Uhen Architects is also sponsoring a technology lecture series at SARUP entitled “Computation & Craft.” A wide range of both local and national industry professionals have been selected to speak on a variety of topics such as Integrated Project Delivery and integrated workflows and contracting for BIM. These lectures are free and open to the public. For more information, visit:

<http://www.uwm.edu/SARUP/events/computation-and-craft.html>

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